



# Product / Catalog

#### **Details Make Our Profession**

We specialize in the design and development of high quality antibodies & proteins.

Website









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# About Leadgene

Leadgene Biomedical, Inc. develops and manufactures assay tools. It also offers contract research services to the diagnostic and pharmaceutical industries.

Established in 2013, our commitment is clear:

"To accelerate biomedical advancement through innovative and prosperous nature of research and development."

The company was led by a group of young scientists. It provides premium quality reagents through creative and scientific approaches, with production standards outlined in quality management systems ISO 13485 and GMP/QMS. To date, Leadgene has built its recognized expertise in technology innovation and will continue to expand these efforts throughout our entire product portfolio.



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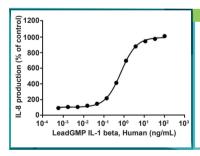
**GMP-Grade Products** 

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Cell Biology Reagents
Protein Engineering
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LEADSPHERE® Technology

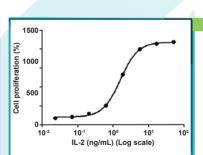
#### **GMP Products**

Cat. No.	Product name	Ехргеssion System	Cat. No.	Product name	Expression System
62612GMP	LEADGMP® Human 4-1BBL Protein, His Tag	E. coli	61202GMP	LEADGMP® Human IL-7 Protein, His Tag	E. coli
66702GMP	LEADGMP <sup>®</sup> Human Activin A Protein, His Tag	E. coli	61502GMP	LEADGMP® Human IL-10 Protein, His Tag	E. coli
67202GMP	LEADGMP <sup>®</sup> Human FGF-2 (aa 135-288) Protein, His Tag	E. coli	62002GMP	LEADGMP® Human IL-15 Protein, His Tag	E. coli
69602GMP	LEADGMP <sup>®</sup> Human Flt-3 Ligand Protein, His Tag	E. coli	62502GMP	LEADGMP® Human IL-18 Protein, His Tag	E. coli
64702GMP	LEADGMP <sup>®</sup> Human GM-CSF Protein, His Tag	E. coli	62802GMP	LEADGMP® Human IL-21 Protein, His Tag	E. coli
65002GMP	LEADGMP <sup>®</sup> Human IFN Gamma Protein, His Tag	E. coli	60532GMP	LEADGMP <sup>®</sup> Human Noggin Protein, His Tag	E. coli
60602GMP	LEADGMP <sup>®</sup> Human IL-1 beta Protein, His Tag	E. coli	60732GMP	LEADGMP <sup>®</sup> Human SCF Protein, His Tag	E. coli
60702GMP	LEADGMP <sup>®</sup> Human IL-2 Protein, His Tag	E. coli	65502GMP	LEADGMP <sup>®</sup> Human TGF Beta 1 Protein, His Tag	E. coli
60802GMP	LEADGMP <sup>®</sup> Human IL-3 Protein, His Tag	E. coli	65202GMP	LEADGMP <sup>®</sup> Human TNF Alpha Protein, His Tag	E. coli
60902GMP	LEADGMP® Human IL-4 Protein, His Tag	E. coli	66902GMP	LEADGMP <sup>®</sup> Human TPO Protein, His Tag	E. coli
61102GMP	LEADGMP® Human IL-6 Protein, His Tag	E. coli	46402GMP	LEADGMP® Endoglycosidase H (Endo H)	E. coli

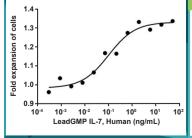
#### **\ Highlighted Products**



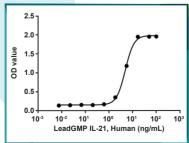
LEADGMP® IL-1β protein, Human (60602GMP) induced IL-8 secretion in HT29 cells, with the ED50 at 0.69 ng/mL.



LEADGMP® IL-2 protein, Human (60702GMP) stimulated CTLL-2 cell proliferation, with the ED50 at 1.5 ng/mL.



LEADGMP® IL-7 protein, Human (61202GMP) stimulated human PBMC cell proliferation, with the ED50 at 0.1 ng/mL.



LEADGMP® IL-21 protein, Human (62802GMP) enhanced IFN gamma secretion in NK-92 cells, with the ED50 at 4.9 ng/mL.

## **Cytokines**

Human

Cat. No.	Product name	Expression System	Cat. No.	Product name	Expression System
62612	Human 4-1BBL, His Tag	E. coli	62312	Human FASL, His-SUMO Tag	E. coli
63312	Human AITRL, His Tag	E. coli	69602	Human Flt-3 Ligand, His Tag	E. coli
63012	Human APRIL, His Tag	E. coli	66502	Human GIF, His Tag	E. coli
63412	Human BAFF, His Tag	E. coli	60233	Human HMGB1 (C23A, C45A), His-SUMO Tag	HEK293
60412	Human BMP-2, His Tag	E. coli	60333	Human HMGB1 (C23A, C45A , C106A), His-SUMO Tag	HEK293
60512	Human BMP-3, His Tag	E. coli	65301	Human HMGB1, His Tag	E. coli
60612	Human BMP-4, His Tag	E. coli	60133	Human HMGB1, His- SUMO Tag	HEK293
60712	Human BMP-5, His Tag	E. coli	65401	Human HMGB2, His Tag	E. coli
60812	Human BMP-6, His Tag	E. coli	60433	Human HMGB2, His-SUMO Tag	HEK293
60912	Human BMP-7, His Tag	E. coli	64802	Human IFN Alpha 1a, His Tag	E. coli
61012	Human BMP-8a, His Tag	E. coli	64902	Human IFN Beta 1a, His Tag	E. coli
61112	Human BMP-8b, His Tag	E. coli	65002	Human IFN Gamma, His Tag	E. coli
61212	Human BMP-9, His Tag	E. coli	60311	Human IFN omega, His Tag	E. coli
61312	Human BMP-10, His Tag	E. coli	60502	Human IL-1 Alpha, His Tag	E. coli
61412	Human BMP-11, His Tag	E. coli	60602	Human IL-1 Beta, His Tag	E. coli
61512	Human BMP-12, His Tag	E. coli	69801	Human IL-1RA, His Tag	E. coli
61612	Human BMP-13, His Tag	E. coli	62933	Human IL-2 & IL-15 Fusion Protein, Tag Free	E. coli
61712	Human BMP-14, His Tag	E. coli	60702	Human IL-2, His Tag	E. coli
61812	Human BMP-15, His Tag	E. coli	60802	Human IL-3, His Tag	E. coli
61912	Human BMP-16, His Tag	E. coli	60902	Human IL-4, His Tag	E. coli
65011	Human CHI3L1, His Tag	E. coli	61002	Human IL-5, His Tag	E. coli

## **Cytokines**

#### Human

Cat. No.	Product name	Expression System	Cat. No.	Product name	Expression System
61102	Human IL-6, His Tag	E. coli	63102	Human IL-24, His Tag	E. coli
61202	Human IL-7, His Tag	E. coli	63202	Human IL-25, His Tag	E. coli
61302	Human IL-8, His Tag	E. coli	63302	Human IL-26, His Tag	E. coli
61402	Human IL-9, His Tag	E. coli	63402	Human IL-27 (EBI3), His Tag	E. coli
61502	Human IL-10, His Tag	E. coli	63502	Human IL-28A, His Tag	E. coli
61602	Human IL-11, His Tag	E. coli	60212	Human IL-28B, His Tag	E. coli
61702	Human IL-12 (p35), His Tag	E. coli	63602	Human IL-29, His Tag	E. coli
61802	Human IL-12 (p40), His Tag	E. coli	63702	Human IL-30, His Tag	E. coli
62733	Human IL-12 (p70), His Tag	E. coli	63802	Human IL-31, His Tag	E. coli
61902	Human IL-13, His Tag	E. coli	63902	Human IL-32 Alpha, His Tag	E. coli
62002	Human IL-15, His Tag	E. coli	64002	Human IL-33, His Tag	E. coli
62102	Human IL-16 (aa 2-130), His Tag	E. coli	64102	Human IL-34, His Tag	E. coli
62302	Human IL-17B, His Tag	E. coli	64202	Human IL-36 Alpha, His Tag	E. coli
60112	Human IL-17D, His Tag	E. coli	64302	Human IL-36 Beta, His Tag	E. coli
62402	Human IL-17F, His Tag	E. coli	64402	Human IL-36 Gamma, His Tag	E. coli
62502	Human IL-18, His Tag	E. coli	69902	Human IL-36RA, His Tag	E. coli
62602	Human IL-19, His Tag	E. coli	64502	Human IL-37, His Tag	E. coli
62702	Human IL-20, His Tag	E. coli	64602	Human IL-38, His Tag	E. coli
62802	Human IL-21, His Tag	E. coli	67813	Human LIF, His Tag	E. coli
62902	Human IL-22, His Tag	E. coli	63112	Human LIGHT, His Tag	E. coli
63002	Human IL-23 (p19), His Tag	E. coli	65602	Human MIF, His Tag	E. coli

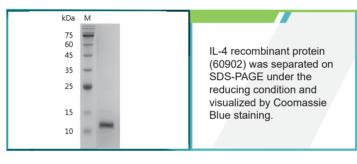
### **Cytokines**

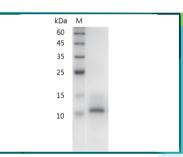
#### Human

Cat. No.	Product name	Expression System
62812	Human RANKL, His Tag	E. coli
63213	Human TL1A, His Tag	E. coli
65202	Human TNF Alpha, His Tag	E. coli
62012	Human TNF Beta, His Tag	E. coli

Cat. No.	Product name	Expression System
66902	Human TPO, His Tag	E. coli
62712	Human TRAIL, His Tag	E. coli
62912	Human TWEAK, His Tag	E. coli

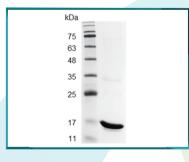
#### **\** Highlighted Products



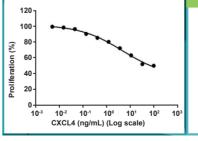


IL-15 recombinant protein (62002) was separated on SDS-PAGE under the reducing condition and visualized by Coomassie Blue staining.

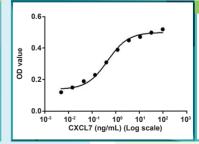




IFN gamma recombinant protein (65002) was separated on SDS-PAGE under the reducing condition and visualized by Coomassie Blue staining.



Human CXCL4 recombinant protein (66713) inhibited FGF2-induced HUVEC cell proliferation, with the ED50 at 4.87 mg/mL.



Human CXCL7 recombinant protein (67013) showed a chemoattractive effect on CXCR2-expressing BaF3 cells, with the ED50 at 0.47 ng/mL.

# Cytokines

#### Mouse

Cat. No.	Product name	Expression System	Cat. No.	Product name	Ехргеssion System
64823	Mouse 4-1BBL, His Tag	E. coli	61423	Mouse IL-12 (p40), His Tag	E. coli
65723	Mouse BAFF, His Tag	E. coli	61523	Mouse IL-13, His Tag	E. coli
64423	Mouse BMP-4, His Tag	E. coli	61623	Mouse IL-15, His Tag	E. coli
65923	Mouse FasL, His-SUMO Tag	E. coli	61723	Mouse IL-16, His Tag	E. coli
65423	Mouse Flt-3 Ligand, His Tag	E. coli	61823	Mouse IL-17A, His Tag	E. coli
64711	Mouse HMGB1, His Tag	E. coli	61923	Mouse IL-17B, His Tag	E. coli
64523	Mouse IFN Alpha 1a, His Tag	E. coli	62023	Mouse IL-17D, His Tag	E. coli
64623	Mouse IFN Beta 1a, His Tag	E. coli	62123	Mouse IL-17F, His Tag	E. coli
64723	Mouse IFN Gamma, His Tag	E. coli	62223	Mouse IL-18, His Tag	E. coli
60123	Mouse IL-1 Alpha, His Tag	E. coli	62323	Mouse IL-19, His Tag	E. coli
60223	Mouse IL-1 Beta, His Tag	E. coli	60323	Mouse IL-1RA, His Tag	E. coli
60423	Mouse IL-2, His Tag	E. coli	62423	Mouse IL-20, His Tag	E. coli
60523	Mouse IL-3, His Tag	E. coli	62523	Mouse IL-21, His Tag	E. coli
60623	Mouse IL-4, His Tag	E. coli	62623	Mouse IL-22, His Tag	E. coli
60723	Mouse IL-5, His Tag	E. coli	62823	Mouse IL-24, His Tag	E. coli
60823	Mouse IL-6, His Tag	E. coli	62923	Mouse IL-25, His Tag	E. coli
60923	Mouse IL-7, His Tag	E. coli	63023	Mouse IL-27 (EBI3), His Tag	E. coli
61023	Mouse IL-9, His Tag	E. coli	63123	Mouse IL-28A, His Tag	E. coli
61123	Mouse IL-10, His Tag	E. coli	63223	Mouse IL-28B, His Tag	E. coli
61223	Mouse IL-11, His Tag	E. coli	63323	Mouse IL-30, His Tag	E. coli
61323	Mouse IL-12 (p35), His Tag	E. coli	63423	Mouse IL-31, His Tag	E. coli

# Cytokines

#### Mouse

Cat. No.	Product name	Expression System	Cat. No.	Product name	Ехргеssion System
63523	Mouse IL-33, His Tag	E. coli	66623	Mouse MIF, His Tag	E. coli
63623	Mouse IL-34, His Tag	E. coli	66123	Mouse OX40L, His Tag	E. coli
63723	Mouse IL-36 Alpha, His Tag	E. coli	66223	Mouse RANKL, His Tag	E. coli
63923	Mouse IL-36 Gamma, His Tag	E. coli	64223	Mouse TNF Alpha, His Tag	E. coli
64023	Mouse IL-36RA, His Tag	E. coli	64323	Mouse TNF Beta, His Tag	E. coli
64123	Mouse IL-38, His Tag	E. coli	66323	Mouse TRAIL, His Tag	E. coli
69713	Mouse LIF, His Tag	E. coli	66423	Mouse TWEAK, His Tag	E. coli
66023	Mouse LIGHT, His Tag	E. coli			

## Cytokines

#### Swine

Cat. No.	Product name	Expression System	Cat. No.	Product name	Expression System
69023	Swine BMP-4, His Tag	E. coli	68423	Swine IL-6, His Tag	E. coli
69623	Swine Flt-3 Ligand, His Tag	E. coli	68523	Swine IL-8, His Tag	E. coli
69123	Swine IFN Gamma, His Tag	E. coli	68623	Swine IL-10, His Tag	E. coli
68023	Swine IL-1 Alpha, His Tag	E. coli	68723	Swine IL-15, His Tag	E. coli
68123	Swine IL-1 Beta, His Tag	E. coli	68823	Swine IL-17A, His Tag	E. coli
68223	Swine IL-2, His Tag	E. coli	68923	Swine TNF Alpha, His Tag	E. coli
68323	Swine IL-4, His Tag	E. coli	69723	Swine TPO, His Tag	E. coli

### Growth Factors Human

Cat. No.	Product name	Expression System	Cat. No.	Product name	Expression System	
66702	Human Activin A, His Tag	E. coli	68602	Human FGF-18, His Tag	E. coli	
66802	Human Activin B, His Tag	E. coli	68702	Human FGF-19, His Tag	E. coli	
63711	Human Beta-NGF, His Tag	E. coli	68802	Human FGF-20, His Tag	E. coli	
60301	Human EGF, His Tag	E. coli	68902	Human FGF-21, His Tag	E. coli	
67102	Human FGF-1, His Tag	E. coli	69002	Human FGF-22, His-SUMO Tag	E. coli	
67202	Human FGF-2, His Tag	E. coli	69102	Human FGF-23, His Tag	E. coli	
67302	Human FGF-3, His Tag	E. coli	69923	Human G-CSF, His Tag	E. coli	
67402	Human FGF-4, His Tag	E. coli	64702	Human GM-CSF, His Tag	E. coli	
67502	Human FGF-5, His Tag	E. coli	66302	Human HDGF, His Tag	E. coli	
67602	Human FGF-6, His Tag	E. coli	69201	Human IGF-I, His Tag	E. coli	
67701	Human FGF-8a, His Tag	E. coli	69302	Human IGF-II, His Tag	E. coli	
67802	Human FGF-8b, His Tag	E. coli	69702	Human M-CSF, His Tag	E. coli	
67902	Human FGF-9, His Tag	E. coli	60533	Human Noggin, His Tag	E. coli	
68002	Human FGF-10, His Tag	E. coli	68332	Human R-Spondin 1, Tag Free	HEK293	
64512	Human FGF-11 isoform 1, His Tag	E. coli	69633	Human R-Spondin 1, His-SUMO tag, HEK293	HEK293	
64612	Human FGF-11 isoform 2, His Tag	E. coli	60733	Human SCF, His Tag	E. coli	
68102	Human FGF-12, His Tag	E. coli	65033	Human Sonic Hedgehog (C24II), His-SUMO Tag	E. coli	
68202	Human FGF-13, His Tag	E. coli	64933	Human Sonic Hedgehog (C24II), Tag Free	HEK293	
68302	Human FGF-14, His Tag	E. coli	69401	Human TGF Alpha, His Tag	E. coli	
68402	Human FGF-16, His Tag	E. coli	65502	Human TGF Beta 1, His Tag	E. coli	
68502	Human FGF-17, His Tag	E. coli	69502	Human TGF Beta 2, His Tag	E. coli	

Cat. No.	Product name	Expression System	Cat. No.	Product name	Ехргеssion System
66312	Human TGF Beta 3, His Tag	E. coli	67913	Human VEGF165, His Tag	E. coli
66402	Human VEGF121, His Tag	E. coli	69631	Human R-Spondin 1, His-SUMO Tag	HEK293

#### **Growth Factors**

#### Mouse

Cat. No.	Product name	Ехргеssion System	Cat. No.	Product name	Ехргеssion System
66523	Mouse Activin B, His Tag	E. coli	65523	Mouse HDGF, His Tag	E. coli
67223	Mouse Beta-NGF, His Tag	E. coli	65123	Mouse IGF-I, His Tag	E. coli
65323	Mouse EGF, His Tag	E. coli	65223	Mouse IGF-II, His Tag	E. coli
65023	Mouse FGF-2, His Tag	E. coli	65102	Mouse M-CSF, His Tag	E. coli
64433	Mouse FGF-21, His Tag	E. coli	64923	Mouse TGF Beta 1, His Tag	E. coli
68213	Mouse G-CSF, His Tag	E. coli	69813	Mouse VEGF121, His Tag	E. coli
68113	Mouse GM-CSF, His Tag	E. coli	69913	Mouse VEGF165, His Tag	E. coli

## **Growth Factors**

#### Swine

Cat. No.	Product name	Ехргеssion System	Cat. No.	Product name	Expression System
69523	Swine EGF, His Tag	E. coli	69422	Swine IGF-I, His Tag	E. coli
69323	Swine FGF-2, His Tag	E. coli	69223	Swine TGF Beta 1, His Tag	E. coli
67323	Swine GM-CSF, His Tag	E. coli	67923	Swine VEGF, His Tag	E. coli

#### Chemokines

#### Human

Cat. No.	Product name	Ехргеssion System	Cat. No.	Product name	Expression System
67513	Human CCL2, His Tag	E. coli	66913	Human CXCL6, His Tag	E. coli
67613	Human CCL3, Tag Free	E. coli	67013	Human CXCL7, His Tag	E. coli
67713	Human CCL4, Tag Free	E. coli	67114	Human CXCL9, His Tag	E. coli
66413	Human CXCL1, His Tag	E. coli	67213	Human CXCL10, His Tag	E. coli
66513	Human CXCL2, His Tag	E. coli	67313	Human CXCL11, His Tag	E. coli
66613	Human CXCL3, His Tag	E. coli	65702	Human CXCL12, His Tag	E. coli
66713	Human CXCL4, His Tag	E. coli	67413	Human CXCL13, His Tag	E. coli
66813	Human CXCL5, His Tag	E. coli			

#### Chemokines

#### Mouse

Cat. No.	Product name	Expression System	Cat. No.	Product name	Expression System
69413	Mouse CCL2, His Tag	E. coli	68713	Mouse CXCL7, His Tag	E. coli
69513	Mouse CCL3, His Tag	E. coli	68813	Mouse CXCL7, His Tag	E. coli
69613	Mouse CCL4, His Tag	E. coli	68913	Mouse CXCL9, His Tag	E. coli
68313	Mouse CXCL1, Tag Free	E. coli	69013	Mouse CXCL10, His Tag	E. coli
68413	Mouse CXCL2, His Tag	E. coli	69113	Mouse CXCL11, His Tag	E. coli
68513	Mouse CXCL3, His Tag	E. coli	69213	Mouse CXCL12, His Tag	E. coli
68613	Mouse CXCL5, His Tag	E. coli	69313	Mouse CXCL16, His Tag	E. coli

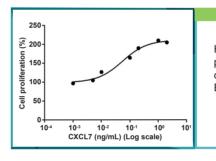
#### Chemokines

**Swine** 

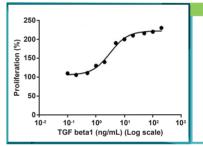
Cat. No.	Product name	Expression System
67823	Swine CCL2, His Tag	E. coli
67423	Swine CXCL9, His Tag	E. coli
67523	Swine CXCL10, His Tag	E. coli

Cat. No.	Product name	Expression System
67623	Swine CXCL11, His Tag	E. coli
67723	Swine CXCL13, His Tag	E. coli

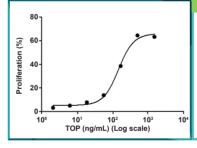
#### **\ Highlighted Products**



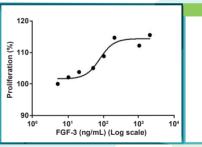
Human GM-CSF recombinant protein (64702) induced TF-1 cells proliferation, with the ED50 at 54.7 pg/mL.



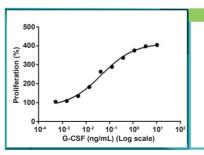
Human TGF beta 1 recombinant protein (65502) induced MCF-7 cell proliferation, with the ED50 at 3.13 ng/mL.



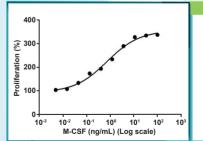
Human TPO recombinant protein (66902) induced HUVEC cell proliferation, with the ED50 at 2.5 ng/mL.



Human FGF-3 recombinant protein (67302) induced 3T3 cells proliferation, with the ED50 at 77.51 ng/mL.



Human G-CSF recombinant protein (69923) induced NFS-60 cell proliferation, with the ED50 at 0.044 ng/mL.



Human M-CSF recombinant protein (69702) induced NFS-60 cell proliferation, with the ED50 at 0.75 ng/mL.

## **Enzymes**

Cat. No.	Product name	Expression System
61133	Human ENO1, His Tag	E. coli
66002	Human MMP2 (Active), His Tag	E. coli
66102	Human MMP7 (Active), His Tag	E. coli
65902	Human MMP7 (Proenzyme), His Tag	E. coli

Cat. No.	Product name	Expression System
68013	Human OGG1, His Tag	E. coli
66602	Human PGA5, His Tag	E. coli
61233	Mouse ENO1, His Tag	E. coli

## Neurotrophins

#### Human

Cat. No.	Product name	Expression System
63812	Human BDNF, His Tag	E. coli
64112	Human CDNF, His Tag	E. coli
63912	Human CNTF, His Tag	E. coli
64012	Human GDNF, His Tag	E. coli

Cat. No.	Product name	Expression System
64312	Human Midkine, His Tag	E. coli
64412	Human Neurturin, His Tag	E. coli
64212	Human Pleiotrophin, His Tag	E. coli

## **Neurotrophins**

#### Mouse

Cat. No. Product name Expression System  66723 Mouse CDNF, His Tag E. coli			
66723 Mouse CDNF, His Tag <i>E. coli</i>	Cat. No.	Product name	Ехргеssion System
	66723	Mouse CDNF, His Tag	E. coli
66823 Mouse CNTF, His Tag <i>E. coli</i>	66823	Mouse CNTF, His Tag	E. coli
66923 Mouse GDNF, His Tag <i>E. coli</i>	66923	Mouse GDNF, His Tag	E. coli

Cat. No.	Product name	Expression System
67023	Mouse Midkine, His Tag	E. coli
67123	Mouse Neurturin, His Tag	E. coli

### Lectins

Cat. No.	Product name	Expression System	Cat. No.	Product name
65113	Human Galectin-1, His Tag	E. coli	65713	Human Galectin-9, His Tag
65213	Human Galectin-2, His Tag	E. coli	65813	Human Galectin-10, His Tag
65313	Human Galectin-3, His Tag	E. coli	65913	Human Galectin-12, His Tag
65413	Human Galectin-4, His Tag	E. coli	66013	Human Galectin-13, His Tag
65513	Human Galectin-7, His Tag	E. coli	66113	Human Galectin-14, His Tag
65613	Human Galectin-8, His Tag	E. coli	66213	Human Galectin-16, His Tag

#### **Other Proteins**

Cat. No.	Product name	Ехргеssion System	Cat. No.	Product name	Expression System
63333	Human ACE2, Fc Tag	HEK293	60042	Human NF-L, His-SUMO Tag	E. coli
66202	Human Annexin V, His Tag	E. coli	63633	Human Irisin, Tag Free	E. coli
62412	Human CD27L, His Tag	E. coli	65801	Human RAGE, His Tag	E. coli
69932	Human CD28 ECD, His-SUMO Tag	HEK293	65823	Mouse CD27L, His Tag	E. coli
62512	Human CD30L, His Tag	E. coli	60441	Human IGFBP7, His-SUMO Tag	HEK293
67002	Human CD326, His Tag	E. coli	60541	Human GM2A, His Tag	HEK293
62212	Human CD40L, His Tag	E. coli	60141	Human NF-L, His-SUMO Tag	E. coli

## **Virus-Like Particles**

Cat. No.	Product name	Expression System
62631	SARS-CoV-2 Virus-Like Particles	HEK293
65631	SARS-CoV-2 Virus-Like Particles B1.1.529(Omicron)	HEK293
64031	SARS-CoV-2 Virus-Like Particles B.1.1.7 (Alpha)	HEK293

Cat. No.	Product name	Expression System
65131	SARS-CoV-2 Virus-Like Particles B1.351 (Beta)	HEK293
64131	SARS-CoV-2 Virus-Like Particles B.1.617.2 (Delta)	HEK293

E. coli

E. coli

E. coli

E. coli

E. coli

E. coli

## Viral Antigens

SARS-CoV-2

Cat. No.	Product name	Expression System		Cat. No.	Product name	Expression System
61533	SARS-CoV Nucleocapsid Protein, His-SUMO Tag	HEK293		61831	SARS-CoV-2 Spike Protein (S1 Subunit), His Tag	E. coli
65731	SARS-CoV-2 Nucleocapsid Protein (IHU B.1.640.2), Tag Free	E. coli		64334	SARS-CoV-2 Spike Protein RBD (Delta B1.617.2), His-SUMO Tag	HEK293
65431	SARS-CoV-2 Nucleocapsid Protein (Omicron B1.1.529), Tag Free	HEK293		65231	SARS-CoV-2 Spike Protein RBD (Delta B1.617.2), Tag Free	HEK293
65531	SARS-CoV-2 Nucleocapsid Protein (Omicron B1.1.529), Tag Free	E. coli		65331	SARS-CoV-2 Spike Protein RBD (Omicron B1.1.529), Tag Free	HEK293
61633	SARS-CoV-2 Nucleocapsid Protein, His-SUMO Tag	HEK293		64834	SARS-CoV-2 Spike Protein RBD, His-SUMO Tag	HEK293
61731	SARS-CoV-2 Nucleocapsid Protein, Tag Free	E. coli		63534	SARS-CoV-2 Trimeric Spike Protein (Beta B1.351), His Tag	HEK293
62833	SARS-CoV-2 ORF8 Protein (aa 16-121), His-SUMO Tag	HEK293		63434	SARS-CoV-2 Trimeric Spike Protein (Delta B1.617.2), His Tag	HEK293
61931	SARS-CoV-2 Spike Protein (RBD), His Tag	E. coli		63234	SARS-CoV-2 Trimeric Spike Protein, His Tag	HEK293

#### Viral Antigens

**Dengue Virus** 

Cat. No.	Product name	Expression System	Cat. No.	Product name	Expression System
64811	Dengue Virus (DENV) NS1 Protein	E. coli	64913	Dengue Virus (DENV) NS1 Protein	HEK293

### Viral Antigens

Influenza Virus

Product name	Expression System
Influenza A H3N2 (A/Hong Kong /1/1968) N Protein, His Tag	E. coli
Influenza A H7N9 (A/Shanghai /02/2013) N Protein, His Tag	E. coli
Influenza A H1N1 (A/New York /1682/2009) N Protein, His Tag	E. coli
	Influenza A H3N2 (A/Hong Kong /1/1968) N Protein, His Tag Influenza A H7N9 (A/Shanghai /02/2013) N Protein, His Tag Influenza A H1N1 (A/New York

Cat. No.	Product name	Expression System
67623	Influenza A H3N2 (A/Washington /658/2019) N Protein, His Tag	E. coli
67723	Influenza B (B/Washington /02/2019) N Protein, His Tag	E. coli

### Viral Antigens

Monkeypox Virus

E. coli

E. coli

Cat. No.	Product name	Expression System	Cat. No	Product name
67931	Monkeypox Virus (MPXV) A29L Protein, His Tag	E. coli	68031	Monkeypox Virus (MPXV) L1R Protein, His Tag
68233	Monkeypox Virus (MPXV) A29L Protein, His-SUMO Tag, HEK 293	E. coli	68131	Monkeypox Virus (MPXV) M1R Protein, His Tag

### Viral Antigens

Enterovirus

Cat. No.	Product name	Expression System
68731	Enterovirus A71 (EV-A71) VP1 Protein, His Tag	E. coli

## **Viral Antigens**

RSV

Cat. No.	Product name	Expression System	Cat. No	. Product name	Expression System
67731	RSV-A (Strain A2) Nucleocapsid Protein, His Tag	E. coli	67631	RSV-B Nucleocapsid Protein, His Tag	E. coli
67831	RSV-A (Strain S2) Nucleocapsid Protein, His Tag	E. coli	69731	RSV-B Fusion Glycoprotein F0, Fc Tag	HEK293

### Viral Antigens

**Other Coronavirus** 

Cat. No.	Product name	Expression System	Cat. No.	Product name	Expression System
62231	HCoV-229E Nucleocapsid Protein, His Tag	E. coli	62031	HCoV-OC43 Nucleocapsid Protein, His Tag	E. coli
62131	HCoV-HKU1 Nucleocapsid Protein, His Tag	E. coli	61433	MERS-CoV Nucleocapsid Protein, His-SUMO Tag	HEK293
61333	HCoV-NL63 Nucleocapsid Protein, His-SUMO Tag	HEK293			

## Primary Antibodies Disease Markers

Cat. No.	Product name	Host & Clonality	Applications
15751	Anti-D-Dimer Antibody [Clone DD01]	Mouse mAb	ELISA, CLIA, LFIA
15851	Anti-D-Dimer Antibody [Clone DD02]	Mouse mAb	ELISA, CLIA, LFIA
15651	Anti-D-Dimer Antibody [Clone DD03]	Mouse mAb	ELISA, CLIA, LFIA
16300	Anti-HbA1c Antibody [Clone 1D3]	Mouse mAb	ELISA, IP
16310	Anti-HbA1c Antibody [Clone 9B7]	Mouse mAb	ELISA, IP
19801	Anti-β-Amyloid Antibody [Clone 85-1]	Mouse mAb	ELISA, Western Blot

## **Primary Antibodies**

Anti-Tag

Cat. No.	Product name	Host & Clonality	Applications
11101	Anti-cMyc Tag Antibody [Clone 66-38]	Mouse mAb	ELISA, WB, IP, IFA, FACS
25261	Anti-DYKDDDDK Antibody [Clone 108-21]	Mouse mAb	ELISA, WB, IFA, IHC, IP
15801	Anti-EGFP Antibody [Clone 42-2]	Mouse mAb	ELISA, WB, IP, IFA, FACS
14501	Anti-GST Tag Antibody [Clone 89-3]	Mouse mAb	ELISA, WB, IP, IFA, FACS
10521	Anti-HA Tag Antibody [Clone 98-106]	Mouse mAb	ELISA, WB, IP, IFA, FACS
10411	Anti-His Tag Antibody [Clone 14-4]	Mouse mAb	ELISA, WB, IP, IFA, FACS
16401	Anti-mCherry Antibody [Clone 45-5]	Mouse mAb	ELISA, WB, IP, IFA, FACS
15601	Anti-SUMO Tag Antibody [Clone 2-2]	Mouse mAb	ELISA, WB, IP
10601	Anti-V5 Tag Antibody [Clone 7-1-8]	Mouse mAb	ELISA, WB, IP, IFA, FACS

## Primary Antibodies Anti-Viral Antigens

Cat. No.	Product name	Host & Clonality	Applications
17301	Anti-DENV Capsid Antibody [Clone 25-4]	Mouse mAb	ELISA, WB, IFA, FACS
13801	Anti-DENV E Antibody [Clone 102-1]	Mouse mAb	ELISA, WB, IFA, FACS
12101	Anti-DENV NS1 Antibody [Clone 1D33]	Mouse mAb	ELISA, WB, IFA, FACS
15901	Anti-DENV NS3 Antibody [Clone 15-5]	Mouse mAb	ELISA, WB, IFA, FACS
16001	Anti-DENV NS5 Antibody [Clone 37-2]	Mouse mAb	ELISA, WB, IFA, FACS
12301	Anti-HBV PreS1 Antibody [Clone S101]	Mouse mAb	ELISA, WB, IFA
12401	Anti-HBV PreS2 Antibody [Clone S201]	Mouse mAb	ELISA, WB, IFA
12201	Anti-HBsAg Antibody [Clone 2H11]	Mouse mAb	ELISA, WB, IFA
12211	Anti-HBsAg Antibody [Clone 3D5]	Mouse mAb	ELISA, WB, IFA
13451	Anti-Influenza A Virus NP Antibody [clone IA01]	Mouse mAb	ELISA, IFA, CLIA, LFIA
13551	Anti-Influenza A Virus NP Antibody [clone IA02]	Mouse mAb	ELISA, IFA, CLIA, LFIA
14351	Anti-Influenza A Virus NP Antibody [clone IA03]	Mouse mAb	ELISA, IFA, CLIA, LFIA
14451	Anti-Influenza A Virus NP Antibody [clone IA04]	Mouse mAb	ELISA, IFA, CLIA, LFIA
15871	Anti-Influenza A Virus NP Antibody [clone IA05]	Mouse mAb	ELISA, CLIA, LFIA
15971	Anti-Influenza A Virus NP Antibody [clone IA06]	Mouse mAb	ELISA, CLIA, LFIA
15771	Anti-Influenza A Virus NP Antibody [clone LGA3]	Human recAb	ELISA, CLIA, LFIA
18901	Anti-Influenza A Virus NP Antibody [Clone LGA4]	Human recAb	ELISA, IFA, FACS, Lateral Flow
16471	Anti-Influenza A virus NP Antibody [Clone 2-12]	Mouse mAb	ELISA, LFIA, WB
18911	Anti-Influenza A Virus NP Antibody [Clone LGA7]	Human recAb	ELISA, IFA, FACS, Lateral Flow
14751	Anti-Influenza B Virus NP Antibody [clone IB03]	Mouse mAb	ELISA, CLIA, LFIA
14851	Anti-Influenza B Virus NP Antibody [clone IB04]	Mouse mAb	ELISA, CLIA, LFIA

#### Primary Antibodies Anti-Viral Antigens

Cat. No.	Product name	Host & Clonality	Applications
16171	Anti-Influenza B Virus NP Antibody [clone IB05]	Mouse mAb	ELISA, CLIA, LFIA
16271	Anti-Influenza B Virus NP Antibody [clone IB06]	Mouse mAb	ELISA, CLIA, LFIA
13851	Anti-MPXV A29L IgG Antibody [Clone MA01]	Human recAb	N/A
14551	Anti-MPXV M1R VHH Antibody [Clone MM01]	VHH	ELISA, WB, IFA, FACS
14651	Anti-MPXV M1R VHH Antibody [Clone MM02]	VHH	ELISA, WB, IFA, FACS
17912	Anti-SARS-CoV & CoV-2 NP Antibody [Clone 103]	Human recAb	ELISA, CLIA, LFIA
17922	Anti-SARS-CoV & CoV-2 NP Antibody [Clone 104]	Human recAb	ELISA, CLIA, LFIA
18202	Anti-SARS-CoV & CoV-2 NP IgA Antibody	Human recAb	ELISA, WB, IFA, FACS
17901	Anti-SARS-CoV & CoV-2 NP IgG Antibody	Human recAb	ELISA, WB, IFA, FACS
18301	Anti-SARS-CoV & CoV-2 NP IgM Antibody	Human recAb	ELISA, WB, IFA, FACS
19402	Anti-SARS-CoV & CoV-2 Spike IgA Antibody [Clone CR3022]	Human recAb	ELISA, NTRL, SPR, Crystallography
18001	Anti-SARS-CoV & CoV-2 Spike IgG Antibody [Clone CR3022]	Human recAb	ELISA, NTRL, SPR, Crystallography
18601	Anti-SARS-CoV & CoV-2 Spike IgM Antibody [Clone CR3022]	Human recAb	ELISA, NTRL, SPR, Crystallography
18701	Anti-SARS-CoV-2 NP Antibody [Clone 102-7]	Mouse mAb	ELISA, WB, IFA
18711	Anti-SARS-CoV-2 NP Antibody [Clone 109-5]	Mouse mAb	ELISA, WB, IFA
14951	Anti-SARS-CoV-2 NP Antibody [Clone 74-2]	Human recAb	ELISA, LFIA
18731	Anti-SARS-CoV-2 NP Antibody [Clone 88]	Mouse mAb	ELISA, WB, IFA
18101	Anti-SARS-CoV-2 Spike Antibody [Clone LGSV201]	Mouse mAb	ELISA, WB, IFA, FACS
16971	Anti-Influenza B virus NP Antibody [clone IB07]	Mouse mAb	ELISA, CLIA, LFIA
17071	Anti-Influenza B virus NP Antibody [clone IB08]	Mouse mAb	ELISA, CLIA, LFIA

Cat. No.	Product name	Host & Clonality	Applications
16501	Anti-DENV NS4B Antibody [Clone 24-1]	Mouse mAb	ELISA, WB, IFA, FACS
16611	Anti-DENV pr Antibody [Clone 47-2]	Mouse mAb	ELISA, WB, IFA, FACS
17501	Anti-DENV M Antibody [Clone 31-1]	Mouse mAb	ELISA, WB, IFA, FACS
15251	Anti-African Swine Fever Virus (ASFV) p30 Antibody [Clone 16E1]	Mouse mAb	ELISA, CLIA
15351	Anti-African Swine Fever Virus (ASFV) p30 Antibody [Clone 18H1]	Mouse mAb	ELISA, CLIA

## Primary Antibodies | Anti-Internal Control

Cat. No.	Product name	Host & Clonality	Applications
16201	Anti-Alpha Tubulin Antibody [Clone 82-1]	Mouse mAb	ELISA, WB, IFA
16111	Anti-GAPDH Antibody [Clone 38-1]	Mouse mAb	ELISA, WB, IFA

## **Primary Antibodies**

# Anti-Cytokines & Growth Factors

Cat. No.	Product name	Host & Clonality	Applications
14901	Anti-IL-33 Antibody [Clone 7E8]	Mouse mAb	ELISA, WB, IFA, FACS
13901	Anti-IL-38 Antibody [Clone 56-1]	Mouse mAb	ELISA, WB, IFA, FACS
15301	Anti-IL-4 Antibody [Clone 6-5]	Mouse mAb	ELISA, WB, IFA, FACS
14201	Anti-IL-8 Antibody [Clone 58-1]	Mouse mAb	ELISA, WB, IFA, FACS
13301	Anti-RAGE Antibody [Clone 16-1]	Mouse mAb	ELISA, WB, IFA, FACS
15101	Anti-TGF Beta 1 Antibody [Clone 51-3]	Mouse mAb	ELISA, WB, IFA, FACS

### **Primary Antibodies**

#### Anti-Cytokines & Growth Factors

Cat. No.	Product name	Host & Clonality	Applications
14001	Anti-CXCL12 Antibody [Clone 69-2]	Mouse mAb	ELISA, WB, IFA, FACS
13401	Anti-HDGF Antibody [Clone 83-5]	Mouse mAb	ELISA, WB, IFA, FACS
13601	Anti-IL-1 beta Antibody [Clone 4-1]	Mouse mAb	ELISA, WB, IFA, FACS
16771	Anti-IL-6 Antibody [Clone 3-5]	Mouse mAb	ELISA
15701	Anti-IL-10 Antibody [Clone 17-1]	Mouse mAb	ELISA, WB, IFA, FACS
13501	Anti-IL-16 Antibody [Clone 72-15]	Mouse mAb	ELISA, WB, IFA, FACS
15401	Anti-IL-2 Antibody [Clone 62-2]	Mouse mAb	ELISA, WB, IFA, FACS
17821	Anti-IL-6 Antibody [Clone 9D9]	Mouse mAb	ELISA, WB, IFA, FACS

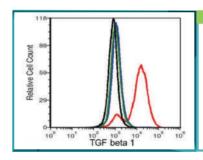
### Primary Antibodies

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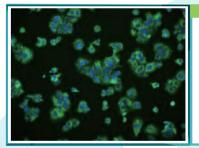
Cat. No.	Product name	Host & Clonality	Applications
17601	Anti-CD3 Antibody [Clone OKT3]	Mouse mAb	IHC, FACS
16571	Anti-CD28 Chimeric IgG Antibody [Clone 0AA01]	Human recAb	ELISA
16671	Anti-CD28 Antibody [Clone 0AA02]	Mouse recAb	ELISA
17701	Anti-CD326 Antibody [Clone 1H7]	Mouse mAb	ELISA, WB, IFA, FACS
14601	Anti-c-Met Antibody [Clone 4A9]	Mouse mAb	ELISA, WB, IFA, FACS
19002	Anti-EGFR Antibody [Clone C225] (Cetuximab Biosimilar)	Human recAb	ELISA, FACS, IHC, IFA
14301	Anti-GIF Antibody [Clone 50-1]	Mouse mAb	ELISA, WB, IFA, FACS
12701	Anti-Hemoglobin Antibody [Clone 07-01]	Mouse mAb	ELISA, IP
13231	Anti-HMGB1 Antibody [Clone B1511]	Mouse mAb	ELISA, WB, IFA, FACS
18821	Anti-HRV 3C Protease Antibody [Clone 12-4]	Mouse mAb	ELISA

Cat. No.	Product name	Host & Clonality	Applications
18831	Anti-HRV 3C Protease Antibody [Clone 23-1]	Mouse mAb	ELISA
18801	Anti-HRV 3C Protease Antibody [Clone 3-1]	Mouse mAb	ELISA
18811	Anti-HRV 3C Protease Antibody [Clone 5-8]	Mouse mAb	ELISA
13151	Anti-Human Red Blood Cell Antibody	Human recAb	ELISA, CLIA, LFIA
19901	Anti-M13 Antibody Set (HRP)	Mouse mAb	ELISA, Phage display
14101	Anti-MMP7 Antibody [Clone 1-4]	Mouse mAb	ELISA, WB, IFA, FACS
14111	Anti-MMP7 Antibody [Clone 20-9]	Mouse mAb	ELISA, WB, IFA, FACS
14401	Anti-PGA5 Antibody [Clone 85-5]	Mouse mAb	ELISA, WB, IFA, FACS
15001	Anti-ST2L Antibody [Clone 9G15]	Mouse mAb	ELISA, WB, IFA, FACS

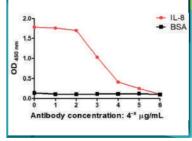
#### **▲** Highlighted Products



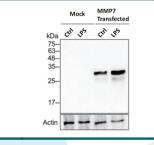
Mouse anti-TGF beta 1 monoclonal antibody (15101) was used to detect cells expressing TGF beta 1 (red), beta 2 (blue), and beta 3 (green) by flow cytometry analysis.



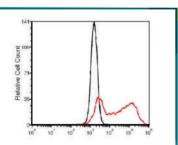
Mouse anti-IL-4 monoclonal antibody (15301) was used to detect endogenous IL-4 expression in MCF-7 cells by immunocytochemistry.



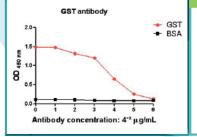
Mouse anti-IL-8 monoclonal antibody (14201) was used to detect the IL-8 protein by ELISA.



Mouse anti-MMP7 monoclonal antibody (14101) was used to detect MMP7 protein in 293T cells by Western blot. 293T cells were treated by LPS to increase the expression of MMP7.



Mouse anti-mCherry monoclonal antibody (16401) was used to detect mCherry-expressing cells by flow cytometry analysis.



Mouse anti-GST Tag monoclonal antibody (14501) was used to detect a GST-fused protein by ELISA.

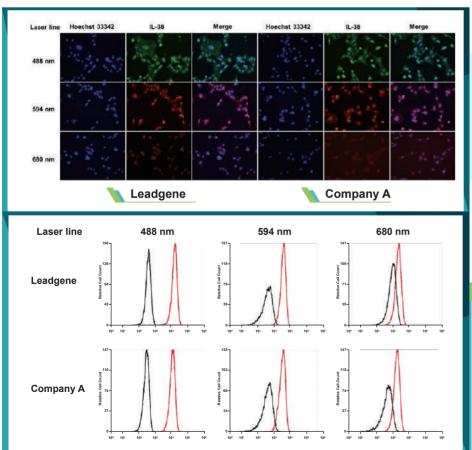
# Secondary Antibodies

Cat. No.	Product name	Conjugation	Applications
24203	AccuBlot™ Anti-Mouse IgG Antibody (HRP)	HRP	ELISA, WB
20304	AccuBlot™ Anti-Rabbit IgG (H+L) Antibody (HRP)	HRP	ELISA, WB
25511	Anti-M13 Antibody [Clone 8C1] (HRP)	HRP	ELISA, Phage display
22801	Chicken Anti-Sheep IgG (H+L) Antibody	None	Immunoassay
22302	Chicken Anti-Sheep IgG (H+L) Antibody (FAM)	5(6)-FAM	IFA, FACS
22002	Chicken Anti-Sheep IgG (H+L) Antibody (HRP)	HRP	ELISA, IHC, WB
22402	Chicken Anti-Sheep IgG (H+L) Antibody (TAMRA)	5(6)-TAMRA	IFA, FACS
20702	Donkey Anti-Goat IgG (H+L) Antibody	None	Immunoassay
21502	Donkey Anti-Goat IgG (H+L) Antibody (FAM)	5(6)-FAM	IFA, FACS
20404	Donkey Anti-Goat IgG (H+L) Antibody (HRP)	HRP	ELISA, IHC, WB
21602	Donkey Anti-Goat IgG (H+L) Antibody (TAMRA)	5(6)-TAMRA	IFA, FACS
21401	Goat Anti-Human IgG (Fc Fragment) Antibody	None	Immunoassay
21702	Goat Anti-Human IgG (Fc Fragment) Antibody (HRP)	HRP	ELISA, IHC, WB
20501	Goat Anti-Mouse IgG (H+L) Antibody	None	Immunoassay
20802	Goat Anti-Mouse IgG (H+L) Antibody (FAM)	5(6)-FAM	IFA, FACS
20102	Goat Anti-Mouse IgG (H+L) Antibody (HRP)	HRP	ELISA, IHC, WB
23202	Goat Anti-Mouse IgG (H+L) Antibody (iFluor 405)	iFluor 405	IFA, FACS
23402	Goat Anti-Mouse IgG (H+L) Antibody (iFluor 488)	iFluor 488	IFA, FACS
23502	Goat Anti-Mouse IgG (H+L) Antibody (iFluor 594)	iFluor 594	IFA, FACS
23602	Goat Anti-Mouse IgG (H+L) Antibody (iFluor 680)	iFluor 680	IFA, FACS
23302	Goat Anti-Mouse IgG (H+L) Antibody (mFluor 450)	mFluor 450	IFA, FACS

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Cat. No.	Product name	Conjugation	Applications
20902	Goat Anti-Mouse IgG (H+L) Antibody (TAMRA)	5(6)-TAMRA	IFA, FACS
20601	Goat Anti-Rabbit IgG (H+L) Antibody	None	Immunoassay
21002	Goat Anti-Rabbit IgG (H+L) Antibody (FAM)	5(6)-FAM	IFA, FACS
20202	Goat Anti-Rabbit IgG (H+L) Antibody (HRP)	HRP	ELISA, IHC, WB
23702	Goat Anti-Rabbit IgG (H+L) Antibody (iFluor 405)	iFluor 405	IFA, FACS
23902	Goat Anti-Rabbit IgG (H+L) Antibody (iFluor 488)	iFluor 488	IFA, FACS
24002	Goat Anti-Rabbit IgG (H+L) Antibody (iFluor 594)	iFluor 594	IFA, FACS
24102	Goat Anti-Rabbit IgG (H+L) Antibody (iFluor 680)	iFluor 680	IFA, FACS
23802	Goat Anti-Rabbit IgG (H+L) Antibody (mFluor 450)	mFluor 450	IFA, FACS
21102	Goat Anti-Rabbit IgG (H+L) Antibody (TAMRA)	5(6)-TAMRA	IFA, FACS
22901	Goat Anti-Rat IgG (H+L) Antibody	None	IFA, FACS
22502	Goat Anti-Rat IgG (H+L) Antibody (FAM)	5(6)-FAM	IFA, FACS
21902	Goat Anti-Rat IgG (H+L) Antibody (HRP)	HRP	ELISA, IHC, WB
24602	Goat Anti-Rat IgG (H+L) Antibody (iFluor 405)	iFluor 405	IFA, FACS
24702	Goat Anti-Rat IgG (H+L) Antibody (iFluor 488)	iFluor 488	IFA, FACS
24802	Goat Anti-Rat IgG (H+L) Antibody (iFluor 594)	iFluor 594	IFA, FACS
22602	Goat Anti-Rat IgG (H+L) Antibody (TAMRA)	5(6)-TAMRA	IFA, FACS
23001	Mouse Anti-Human IgG (H+L) Antibody [Clone hG15]	None	Immunoassay
23101	Mouse Anti-Human IgM Antibody	None	Immunoassay
20511	Rabbit Anti-Mouse IgG (H+L) Antibody	None	IFA, FACS
20112	Rabbit Anti-Mouse IgG (H+L) Antibody (HRP)	HRP	ELISA, IHC, WB

## **Secondary Antibodies**

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	Cat. No.	Product name	Conjugation	Applications			
	24302	Rabbit Anti-Mouse IgG (H+L) Antibody (iFluor 405)	iFluor 405	IFA, FACS			
	24402	Rabbit Anti-Mouse IgG (H+L) Antibody (iFluor 488)	iFluor 488	IFA, FACS			
	24502	Rabbit Anti-Mouse IgG (H+L) Antibody (iFluor 594)	iFluor 594	IFA, FACS			
	22701	Sheep Anti-Chicken IgY (H+L) Antibody	None	Immunoassay			
	22102	Sheep Anti-Chicken IgY (H+L) Antibody (FAM)	5(6)-FAM	IFA, FACS			
	21802	Sheep Anti-Chicken IgY (H+L) Antibody (HRP)	HRP	ELISA, IHC, WB			
	24902	Sheep Anti-Chicken IgY (H+L) Antibody (iFluor 488)	iFluor 488	IFA, FACS			
	22202	Sheep Anti-Chicken IgY (H+L) Antibody (TAMRA)	5(6)-TAMRA	IFA, FACS			



#### Comparative data between Leadgene and a competitor's secondary antibodies.

Leadgene and a competitor's secondary antibodies were performed side-by-side by immunocytochemistry, revealing closely identical signal intensity.

### Amplification Technologies

Master Mix

Cat. No.	Product name	Cat. No.	Product name
43001	2X One-Step Probe RT-qPCR Master Mix	43601	2X RT-LAMP Master Mix
43101	5X One-Step Probe RT-qPCR Master Mix	40601	2X Taq PCR Master Mix
43201	2X One-Step Probe RT-qPCR Master Mix (Glycerol-Free)	41101	5X Taq PCR Master Mix
43301	5X One-Step Probe RT-qPCR Master Mix (Glycerol-Free)	44801	StablePlus™ 2X RT-LAMP Master Mix
43701	2X Colorimetric RT-LAMP Master Mix	44901	StablePlus™ 2X Colorimetric RT-LAMP Master Mix
45001	2X Fluorescent RT-LAMP Master Mix	45101	StablePlus™ 2X Fluorescent RT-LAMP Master Mix
43401	2X Probe qPCR Master Mix	46500	LEADSPHER® One-Step RT-PCR Master Mix
43501	2X Probe qPCR Master Mix (Glycerol-Free)		

### Amplification Technologies Polymerase

Cat. No.	Product name	Cat. No.	Product name
45402	M-MLV Reverse Transcriptase (Glycerol-Free)	45302	Hot Start Taq DNA Polymerase (Glycerol-Free)
40513	M-MLV RTase (M-MLV Reverse Transcriptase)	40201	Hot Start Taq DNA Polymerase
45502	45502 Bst DNA Polymerase (Glycerol-Free) 4390		HIV-1 Reverse Transcriptase
43802	Bst DNA Polymerase		

## Amplification Technologies NTP & DNTP

Cat. No.	Product name	Cat. No.	Product name
41701	ATP Solution (100 mM)	42001	GTP Solution (100 mM)
41801	UTP Solution (100 mM)	42101	NTP Set, 100 mM Solutions
41901	CTP Solution (100 mM)	40701	dNTP Mix, 10 mM Each

## **Molecular Biology**

Buffer

Cat. No.	Product name	
51313	LG-1 2X Diluent Buffer	
51323	LG-2 2X Diluent Buffer	

Product name
LG-3 2X Diluent Buffer
LG-4 2X Diluent Buffer

### Molecular Biology

In Vitro Transcription

Cat. No.	Product name	Cat. No.	Product name
41604	T7 RNA Polymerase (200 U/μL)	42501	Inorganic Pyrophosphatase (Yeast)

### Cell Biology Reagents Transfection reagent

Cat. No.	Product name
30201	HyFect® Transfection Reagent

#### Cell Biology Reagents

Apoptosis reagent

Cat. No.	Product name
32103	Annexin V-FAM Apoptosis Detection Reagent
32113	Annexin V-FAM + PI Apoptosis Detection Reagent
33001	Annexin V-FAM + 7-AAD Apoptosis Detection Reagent

Product name
Annexin V-iFluor 488 + PI Apoptosis Detection Reagent
Annexin V-TAMRA Apoptosis Detection Reagent

## **Protein Engineering**

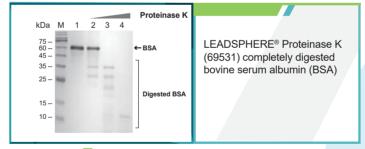
Cat. No.	Product name	Cat. No.	Product name
32303	HyLink™ HRP Conjugation Kit, 1 mg*1	25083	Protein A Sepharose
32403	HyLink™ Biotin Labeling Kit, 1 mg*1	25092	Protein A Sepharose Purification Kit
62532	HRV 3C Protease	25103	Protein G Sepharose
64231	UniHRV 3C Protease	25112	Protein G Sepharose Purification Kit
46302	SENP2 Protease	25123	Streptavidin Sepharose
46202	TEV Protease	25132	Streptavidin Sepharose Purification Kit
46102	SUMO Protease (ULP1)	25143	Ni-NTA Sepharose
44702	Nuclease	25152	Ni-NTA Sepharose Purification Kit
25003	Anti-cMyc Tag Antibody Sepharose	25163	Anti-EGFP Antibody Sepharose
25012	Anti-cMyc Tag Antibody Sepharose Purification Kit	25172	Anti-EGFP Antibody Sepharose Purification Kit
25023	Anti-HA Tag Antibody Sepharose	25183	Anti-SUMO Tag Antibody Sepharose
25032	Mouse Anti-HA Tag mAb Sepharose Purification Kit	25192	Anti-SUMO Tag Antibody Sepharose Purification Kit
25043	Anti-V5 Tag Antibody Sepharose	67031	Colipase
25052	Anti-V5 Tag Antibody Sepharose Purification Kit	60241	Peroxidase
25063	Anti-GST Tag Antibody Sepharose	46101	SUMO Protease (ULP1) (Active)
25072	Anti-GST Tag Antibody Sepharose Purification Kit	46401	Endoglycosidase H (Endo H)

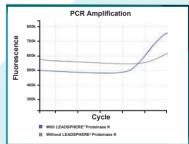
#### **ELISA Kits**

Cat. No.	Product name	Cat. No.	Product name
70300	HDGF ELISA Kit	70610	IL-8 ELISA Kit
71400	HRV 3C Protease ELISA Kit	70700	Mature MMP7 ELISA Kit
71100	IL-10 ELISA Kit	70200	RAGE ELISA Kit
70400	IL-16 ELISA Kit	71200	Total MMP2 ELISA Kit
70900	IL-38 ELISA Kit	70800	Total MMP7 ELISA Kit
71600	SUMO Protease (ULP1) ELISA Kit	71700	TEV Protease ELISA Kit

## **LEADSPHERE®** Technology

Cat. No.	Product name	Format	Cat. No.	Product name	Format
69531	LEADSPHERE® Proteinase K	Lyophilized Sphere	46500	LEADSPHERE® One-step RT-PCR Master Mix	Lyophilized Sphere





LEADSPHERE® Proteinase K (69531) pretreatment produced sensitive detection in RT-qPCR assay.

