

GMP-GRADE RECOMBINANT PROTEINS



GMP : Good Manufacturing Practices for Quality Standards

As the demand for biopharmaceuticals and cellular therapies grow, consistent and high-quality GMP-grade rproteins become crucial. With Leadgene stringent quality control system, each lot of Leadgene GMP-grade rproteins undergo rigorous QC testing to ensure these products meet the stringent requirements.

Leadgene GMP® rProteins are manufactured in ISO 13485:2016 and GMP-certified facility.

Good Manufacturing Practice (GMP) is a system for ensuring that manufacturing products should be produced and controlled according to quality standards. The regulations make sure that products are safe, pure, and effective.

What do LEADGENE GMP rProteins provide?

- Animal-free reagent and laboratory
- Endotoxin level < 0.1 EU per 1 µg by LAL method
- High bio-activity.
- Complete selection of cytokines and growth factors
- Premium choice for studying immune cell therapy and cell interaction .

What do LEADGENE GMP rProteins promise?

- Testing and traceability of raw material
- Records of the maintenance and equipment calibration
- Personnel training records
- Batch-to-batch consistency
- Documentation of QA control and process changes
- Manufactured and tested under an ISO 13485:2016 certified quality management system
- Stability monitor of product shelf-life



Catalog No.	Product	Catalog No.	Product
60601GMP / 60602GMP	LEADGMP® IL-1 Beta	65001GMP / 65002GMP	LEADGMP® IFN gamma
60701GMP / 60702GMP	LEADGMP® IL-2	65201GMP / 65202GMP	LEADGMP® TNF alpha
60801GMP / 60802GMP	LEADGMP® IL-3	65501GMP / 65502GMP	LEADGMP® TGF beta 1
60901GMP / 60902GMP	LEADGMP® IL-4	66701GMP / 66702GMP	LEADGMP® Activin A
61101GMP / 61102GMP	LEADGMP® IL-6	66901GMP / 66902GMP	LEADGMP® TPO
61201GMP / 61202GMP	LEADGMP® IL-7	67201GMP / 67202GMP	LEADGMP® FGF-2 (154 a.a.)
61501GMP / 61502GMP	LEADGMP® IL-10	69601GMP / 69602GMP	LEADGMP® Flt-3 Ligand
62001GMP / 62002GMP	LEADGMP® IL-15	60731GMP / 60732GMP	LEADGMP® SCF
62501GMP / 62502GMP	LEADGMP® IL-18	60301GMP / 60302GMP	LEADGMP® EGF
62801GMP / 62802GMP	LEADGMP® IL-21	60531GMP / 60532GMP	LEADGMP® Noggin, Human
64701GMP / 64702GMP	LEADGMP® GM-CSF	62611GMP / 62612GMP	LEADGMP® 4-1BBL

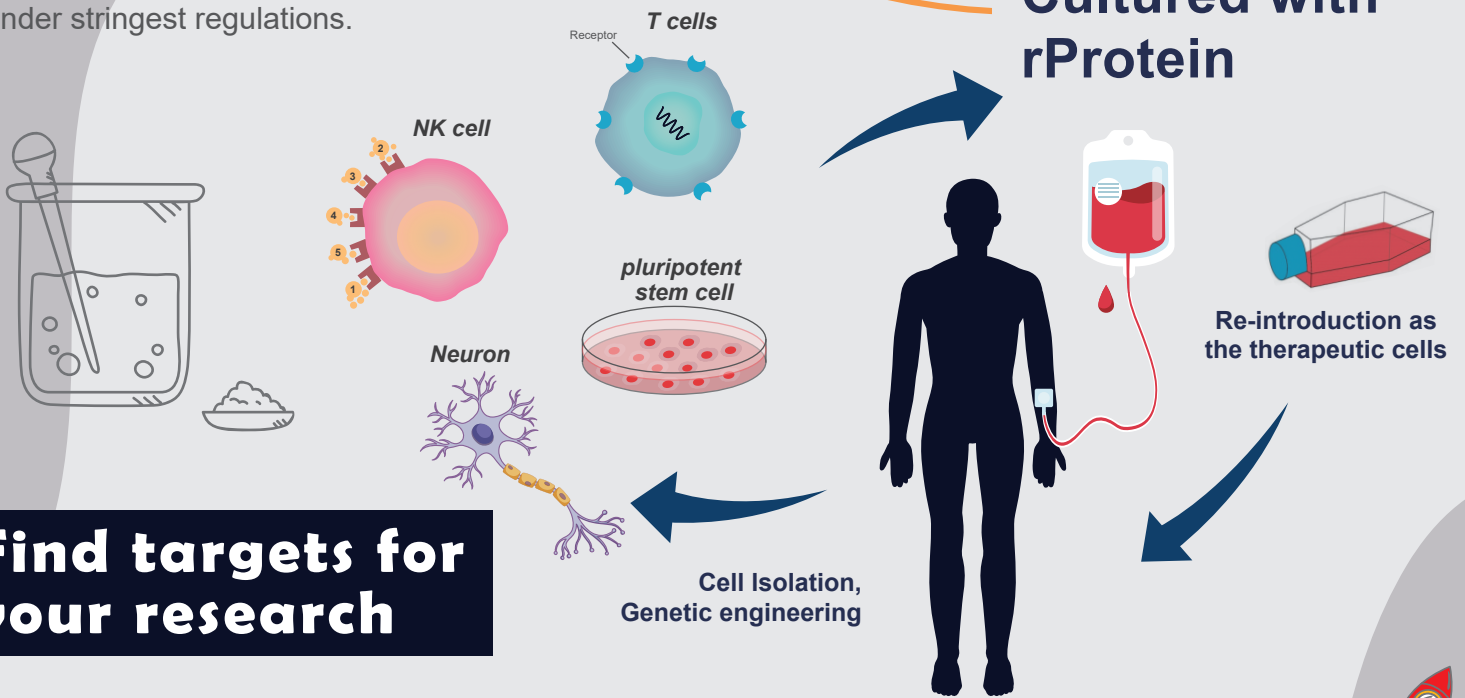
* Recombinant proteins listed above are Human species

GMP-GRADE PROTEINS FOR THE DEVELOPMENT OF CELL THERAPY MANUFACTURING

Cytokines and growth factors are widely used in the field of cell therapy and regenerative medicine. In order to ensure excellent quality and lot-to-lot consistency, Leadgene GMP-grade rproteins are manufactured under stringest regulations.

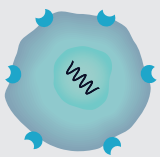
Differentiation/Expansion

Cultured with rProtein



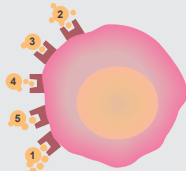
Find targets for your research

T cells



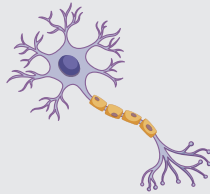
- IL-1 beta
- IL-2
- IL-3
- IL-4
- IL-6
- IL-7
- IL-10
- IL-12
- IL-15
- IL-21
- IFN gamma
- TGF beta 1

NK cell



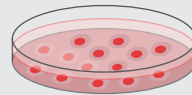
- IL-2
- IL-7
- IL-12
- IL-15
- IL-18
- IL-21
- IFN gamma
- TNF alpha

Neuron



- FGF
- Noggin
- EGF

pluripotent stem cell



- | | |
|--------------|------|
| FGF | IL-3 |
| Noggin | IL-6 |
| Activin A | SCF |
| EGF | TPO |
| Fit-3 Ligand | |



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