

Human CD16A, His Tag, CHO

Catalog Number	LDG114PHM
Package	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Human

Affinity Tag

His Tag (C-term)

Purity

The purity of Human CD16A Protein is greater than 90% as determined by SEC-HPLC.

Activity

Measured by its ability to bind human IgG in functional ELISA. Immobilized human IgG at 0.5 µg/mL (100µL/well) can bind Recombinant Human CD16A Protein.

Mycoplasma

Not detected

Expression system

CHO

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Molecular weight

The protein has a calculated 22.66 MW of kDa. The protein migrates as 30-45 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin level

<0.1 EU per 1 µg of the protein by the LAL method.

Form

Lyophilized

Background

Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

Innovation & Research Center

+886-2-27065528

CLD Center

+886-6-2536677

Background

CD16A, also known as FcγRIIIa, is an Fc receptor involved in antibody-dependent cellular cytotoxicity (ADCC). It is critical in immune responses, particularly in cancer and infectious disease therapies.

Uniprot ID

P08637

Synonyms

Low affinity immunoglobulin gamma Fc region receptor III-A, IgG Fc receptor III-A, CD16-II, CD16a antigen, Fc-gamma RIII-alpha, Fc-gamma RIII, Fc-gamma RIIIa, FcRIII, FcRIIIa, FcgammaRIIIA, FcR-10, IgG Fc receptor III-2, CD16a

Sequence Note

Gly17-Gln208

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image

Tainan Headquarter

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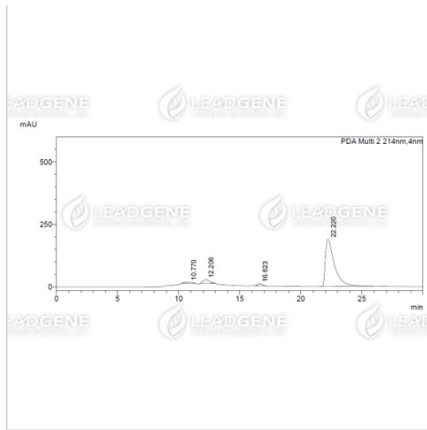
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HPLC analysis of recombinant Human CD16A, His Tag, CHO.
 The purity of Human CD16A Protein is greater than 90% as determined by SEC-HPLC.



SDS-PAGE analysis of recombinant human CD16A.

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