

Mouse CD56, His Tag, CHO

Catalog Number LDG052PMM

Package 5 µg / 20 µg / 100 µg / Customized package

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



Specifications

Species of Origin

Mouse

Affinity Tag

His Tag (C-term)

Purity

>95% as determined by SDS-PAGE analysis.

Activity

Measured by its ability to support the adhesion of SH-SY5Y human neuroblastoma cells, with the ED50 being < 15 µg/mL.

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 MW of 77.43 kDa. The protein migrates as 100-140 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

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Background

CD56, or NCAM, is a neural cell adhesion molecule involved in cell-cell adhesion, found in natural killer (NK) cells and certain tumors.

Uniprot ID

P13595

Synonyms

Neural cell adhesion molecule 1, N-CAM-1, NCAM-1, CD56

Sequence Note

Leu20-Thr711

Instruction**Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 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:

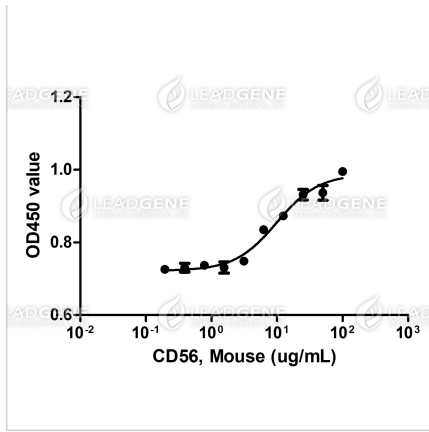
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

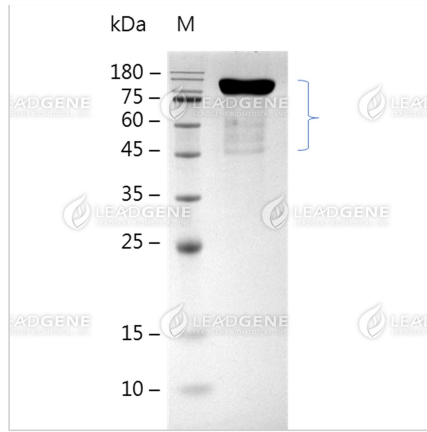
Shipping

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

Image



Mouse CD56, His Tag, CHO (LDG052PMM) supports the adhesion of SH-SY5Y human neuroblastoma cells, with the ED50 being < 15 µg/mL.



SDS-PAGE analysis of recombinant mouse CD56.

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