

Mouse ASGPR, His Tag, CHO

Catalog Number	LDG024PMM
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

Expression System

CHO

Affinity Tag

His Tag (N-term)

Storage Buffer

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

Purity

>95% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated MW of 26.69 kDa.
The protein migrates as 35-45 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin Level

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

Mycoplasma

Not detected

Form

Lyophilized

Background

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Background

ASGPR (Asialoglycoprotein Receptor) protein is primarily expressed on hepatocytes, facilitating the clearance of circulating glycoproteins lacking terminal galactose residues. It plays a crucial role in regulating liver homeostasis and clearance of desialylated glycoproteins from circulation. ASGPR's specificity for desialylated glycoproteins makes it a valuable target for drug delivery and liver-specific therapies. Moreover, ASGPR expression levels vary among individuals and can be altered in liver diseases, making it a potential diagnostic marker. Understanding ASGPR's functions in liver physiology and pathology is essential for developing targeted therapies and diagnostic tools for liver-related disorders.

Uniprot ID

NP_033844.1

Synonyms

Asialoglycoprotein receptor 1, ASGP-R 1, ASGPR 1, Hepatic lectin 1 (HL-1; mHL-1)

Sequence Note

Ser60-Asn284

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.

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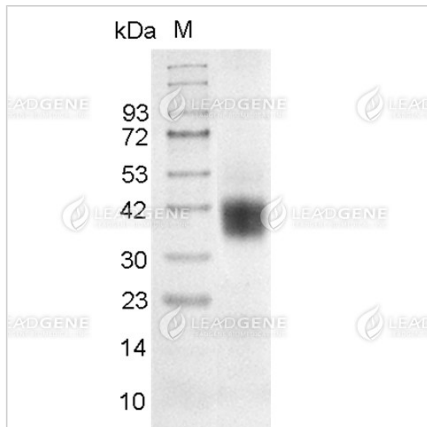
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Image



SDS-PAGE analysis of recombinant mouse ASGPR.

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