

## 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)

#### 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 H<sub>2</sub>O 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:

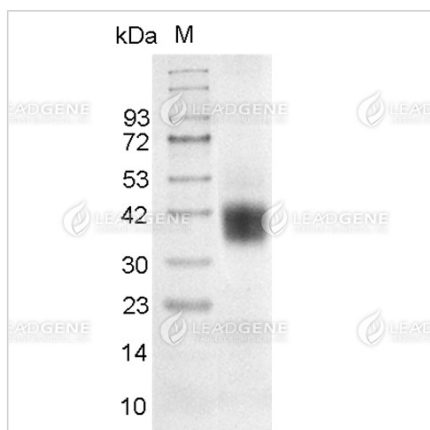
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

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



SDS-PAGE analysis of recombinant mouse ASGPR.

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