

Active Recombinant Human ASGR1 protein, His-Avi-tagged, Biotinylated

Cat. No. ASGR1-251H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ASGR1 protein(Gln 62 - Leu 291)(P07306-1), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 62 - Leu 291
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.2 M Arginine, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Biotinylated Human ASGR1 / ASGPR1, His,Avitag on SA Biosensor, can bind SARS-CoV-2 , S1 protein, His tag with an affinity constant of 79.2 nM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	The protein has a calculated MW of 33.4 kDa. The protein migrates as 40-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	This product is stable after storage at:

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-20°C to -70°C for 12 months in lyophilized state;
 -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

Conjugation

Biotin

GENE INFORMATION

Gene Name

[ASGR1 asialoglycoprotein receptor 1 \[Homo sapiens \]](#)

Official Symbol

[ASGR1](#)

Synonyms

ASGR1; asialoglycoprotein receptor 1; CLEC4H1; hepatic lectin H1; C-type lectin domain family 4 member H1; HL-1; ASGPR; ASGPR1;

Gene ID

[432](#)

mRNA Refseq

[NM_001197216](#)

Protein Refseq

[NP_001184145](#)

MIM

[108360](#)

UniProt ID

[P07306](#)

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