

ASGR1 Protein, Human, Recombinant (hFc)

General Information

Synonyms:	ASGPR 1;Asgr-1;mHL-1;ASGP-R 1;Hepatic lectin 1;HL-1;Asgr1
Protein Construction:	Gln62-Leu291
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P07306-1
Molecular Weight:	51.92 kDa (Predicted); 55-70 kDa (reducing conditions due to glycosylation)

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it.
Purity:	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from 0.22 µm filtered solution in PBS, 200mM L-Arginine (pH 7.4).

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

ASGR1 is a liver-specific surface marker that is exclusively expressed in liver and mediates internalization and lysosomal degradation of blood asialoglycoproteins.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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