

Recombinant Full Length Human ASGR1 Protein, C-Flag-tagged

Cat. No. ASGR1-1224HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ASGR1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a subunit of the asialoglycoprotein receptor. This receptor is a transmembrane protein that plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosamine residues. The asialoglycoprotein receptor may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery. The asialoglycoprotein receptor is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by different genes. The protein encoded by this gene is the more abundant major subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	33 kDa
AA Sequence	MTKEYQDLQHLDNEESDHHQLRKGP PPPQPLLQRLCSGPRLLLLSLGLSLLLLVVVC VIGSQNSQLQEEL RGLRETFSNFTASTEAVKGLSTQGGNVGRKMKSLQSLEKQ

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QKDLSEDHSSLLLHVKQFVSDLRSLSCQ MAALQGNGSERTCCPVNWVEHERSCY
 WFSRSGKAWADADNYCRLEDAHLVVVTSWEEQKFVQHHIGPVNT WMGLHDQNG
 PWKWVDGTDYETGFKNWRPEQPDDWYGHGLGGGEDCAHFTDDGRWNDDVCQR
 PYRWVCETE
 LDKASQEPPLLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

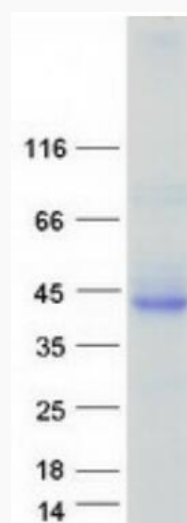
Gene Name	ASGR1 asialoglycoprotein receptor 1 [Homo sapiens (human)]
Official Symbol	ASGR1
Synonyms	HL-1; ASGPR; ASGPR1; CLEC4H1
Gene ID	432

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mRNA Refseq	NM_001671.5
Protein Refseq	NP_001662.1
MIM	108360
UniProt ID	P07306



Coomassie blue staining of purified ASGR1 protein.

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