

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 | MTKEYQDLQHLDNEESDHHQLRKGPPPPQPLLQRLCSGPRLLLLSLGLSLLLLVVVC VIGSQNSQLQEEL RGLRETFSNFTASTEAVKGLSTQGGNVGRKMKLSLESQLEKQ |

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QKDLSEDHSSLLLVKQFVSDLRSLSCQ MAALQGNGSERTCCPVNWVEHERSCY
 WFSRSGKAWADADNYCRLEDAHLVVVTSWEEQKFVQHHIGPVNT WMGLHDQNG
 PWKWVDGTDYETGFKNWRPEQPDDWYGHGLGGGEDCAHFTDDGRWNDDVCQR
 PYRWVCETE
 LDKASQEPLLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 |

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