

Recombinant Full Length Human ASGR2 Protein

Cat. No. ASGR2-30HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Asialoglycoprotein Receptor 2, isoform 3 , with an N terminal proprietary tag; predicted MW 57.31 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	287 amino acids
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 less abundant minor subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	Liquid
Molecular Mass	57.310kDa inclusive of tags
AA Sequence	MAKDFQDIQQ LSSEENDHPF HQGPPPAQPL AQLCSMVCF SLLALSFNIL

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LLVICVTGS QSAQLQAE LR SLKEAFSNFS SSTLTEVQAI STHGGSVGDK
 ITSLGAKLEK QQQDLKADHD ALLFHLKHFP VDLRFVACQM ELLHSNGSQR
 TCCPVNWVEH QGSCYWFSHS GKAWAEAEKY CQLENAHLVV INSWEEQRFI
 VQHTNPFNTW IGLTSDGSGW KWVDGTDYRH NYKNWAVTQP DNWRGHELGG
 SEDCVEVQPD GRWNDDFCLQ VYRWVCEKRR NATGEVA

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name [ASGR2 asialoglycoprotein receptor 2 \[Homo sapiens \]](#)

Official Symbol [ASGR2](#)

Synonyms ASGR2; asialoglycoprotein receptor 2; CLEC4H2

Gene ID [433](#)

mRNA Refseq [NM_001181](#)

Protein Refseq [NP_001172](#)

MIM [108361](#)

UniProt ID [P07307](#)

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