

Recombinant Human ASGR2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ASGR2-6239H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ASGR2 MS Standard C13 and N15-labeled recombinant protein (NP_550436) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	32.9 kDa
AA Sequence	MAKDFQDIQQLSSEENDHPFHQGPPPAQPLAQRLCSMVCFSL LALSFNILLVVICVT GSQSEGHARGAQLQAE LRSLKEAFSNFSSSTL TEVQAISTHGGSVGDKITSLGAKLEK QQQDLKADHDALLFHLKHFPVDLRFVACQMELLHSNGSQRTCCPVNWVEHQGSCY

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WFSHSGKAWAEAEKYCQLENAHLVVINSWEEQKFIVQHTNPFNTWIGLTDSGGSW
KWVDGTDYRHNKYNWAVTQPDNWHGHELGGSEDCVEVQPDGRWNDDFCLQVYR
WVCEKRRNATGEVATRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol [ASGR2](#)

Synonyms ASGR2; asialoglycoprotein receptor 2; CLEC4H2; hepatic lectin H2; HBxAg-binding protein; C-type lectin domain family 4 member H2; HL-2; HBXBP; ASGPR2; ASGP-R2; FLJ60040;

Gene ID [433](#)

mRNA Refseq [NM_080914](#)

Protein Refseq [NP_550436](#)

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MIM 108361

UniProt ID P07307

SDS-PAGE



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