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	MAKDFQDIQQLSSEENDHPFHQGPPPAQPLAQRLCSMVCFSLLALSFNILLLVVICVT GSQSEGHRGAQLQAELRSLKEAFSNFSSSTLTEVQAISTHGGSVGDKITSLGAKLEK QQQDLKADHDALLFHLKHFPVDLRFVACQMELLHSNGSQRTCCPVNWVEHQGSCY

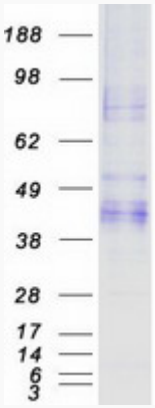
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	WFSHSGKAWAEAEKYCQLENAHLVVINSWEEQKFIVQHTNPFNTWIGLTDSDGSW KWVDGTDYRHNYKNWAVTQPDNWHGHELGGSEDCVEVQPDGRWNDDFCLQVYR 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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