

Recombinant Human ASGR2

Cat. No. ASGR2-26516TH **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	Wheat Germ
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.
Molecular Weight	57.310kDa inclusive of tags
Tissue specificity	Expressed exclusively in hepatic parenchymal cells.
Form	Liquid

 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

Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MAKDFQDIQQLSSEENDHPFHQGPPPAQPLAQRLCMVCF SLLALSFNILLVVICV TGSQSAQLQAELRSLKEAFSNFS SSTLTEVQAISTHGGSVGDKITSLGAKLEKQQQ DLKADHD ALLFHLKHFPVDLRFVACQMELLHSNGSQRTCCPVNWVEH QGSCYWF SHSGKAWAEAEKYCQLENAHLVVINSWEEQRFI VQHTNPFNTWIGLTDSDGSWKW VDGTDYRHNYKNWAVTQP DNWRGHELGGSEDCVEVQPDGRWNDDFCLQVYRW VCEKRR NATGEVA
Sequence Similarities	Contains 1 C-type lectin domain.

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

 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

MIM	108361
Uniprot ID	P07307
Chromosome Location	17p
Function	asialoglycoprotein receptor activity; protein binding; receptor activity; sugar binding;

 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