

Recombinant Human ASGR2, GST-tagged

Cat. No. ASGR2-9932H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASGR2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-287a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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GENE INFORMATION

Gene Name	ASGR2 asialoglycoprotein receptor 2 [Homo sapiens]
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_001181
Protein Refseq	NP_001172
MIM	108361
UniProt ID	P07307
Chromosome Location	17p
Function	asialoglycoprotein receptor activity; protein binding; receptor activity; sugar binding;

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