

Recombinant Human ASGR1, GST-tagged

Cat. No. ASGR1-588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ASGR1 containing gst tag with the vector PGEX-4T was expressed in E.coli.
Species	Human
Source	E.coli
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 more abundant major subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Antigen peptid region	1-291aa
Storage Buffer	1 M PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.) added with 100 mM GSH and 1% Triton X-100, 15% glycerol.
Official Symbol	ASGR1

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GENE INFORMATION

Gene Name	ASGR1 asialoglycoprotein receptor1 [Homo sapiens]
Synonyms	ASGR1;asialoglycoprotein receptor 1; HL-1; ASGPR; ASGPR1; CLEC4H1; hepatic lectinH1; C-type lectin domain family 4 member H1; OTTHUMP00000128354; ASGP-R 1
Gene ID	432
mRNA Refseq	NM_001197216
Protein Refseq	NP_001184145
MIM	108360
UniProt ID	P07306
Chromosome Location	17p13.2
Function	asialoglycoproteinreceptor activity; metal ion binding; protein binding

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