Recombinant Human ASGR1, His-tagged

Cat. No. ASGR1-26517TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 55-291 of Human Asialoglycoprotein Receptor 1 with an N terminal His tag; MWt 32kDa.
Species	Human
Source	E.coli
ProteinLength	55-291 a.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 more abundant major subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 88 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium

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	phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	VVCVIGSQNSQLQEELRGLRETFSNFTASTEAQVKGLSTQ GGNVGRKMKSLESQL EKQQKDLSEDHSSLLLHVKQFVS DLRSLSCQMAALQGNGSERTCCPVNWVEHER SCYWFSR SGKAWADADNYCRLEDAHLVVVTSWEEQKFVQHHIGPV NTWMGLHD QNGPWKWVDGTDYETGFKNWRPEQPDDWYGHG LGGGEDCAHFTDDGRWNDD VCQRPYRWVCETELDKASQ EPPLL

GENE INFORMATION

Gene Name	ASGR1 asialoglycoprotein receptor 1 [Homo sapiens]
Official Symbol	ASGR1
Synonyms	ASGR1; asialoglycoprotein receptor 1; CLEC4H1;
Gene ID	432
mRNA Refseq	NM_001197216
Protein Refseq	NP_001184145
MIM	108360
Uniprot ID	P07306
Chromosome Location	17p13-p11
Function	asialoglycoprotein receptor activity; metal ion binding; protein binding; protein

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	homodimerization activity; receptor activity;

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