

Asialoglycoprotein receptor 1 (ASGR1) Recombinant Protein | ASGR1 recombinant protein

Recombinant Human Asialoglycoprotein receptor 1 (ASGR1) Protein

CATALOG # AAA55977	HOST E. coli Full length protein (P07306).
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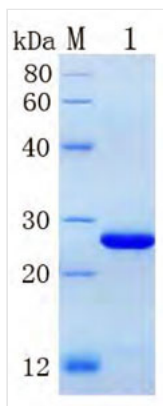
PRODUCT SYNONYMS

Asialoglycoprotein receptor 1 (ASGR1); Recombinant Human Asialoglycoprotein receptor 1 (ASGR1) Protein; CLEC4H1; HL-1; ASGPR1; Asialoglyco protein Receptor; C-type lectin domain family 4 member H1; Hepatic lectin H1.; ASGR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli Full length protein (P07306).
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	In 1M PBS, pH 7.4-7.5, with 5% trehalose and 25% glycerol.
Concentration	0.65 mg/mL (varies by lot)
Sequence	NFTASTEAQV KGLSTQGGNV GRKMSLESQ LEKQQKDLSE DHSSLLHVK QFVSDLRSLS CQMAALQGNG SERTCCPVNW VEHERSCYWF SRSGKAWADA DNYCRLEDAH LVVVTSWEEQ KFVQHHIGPV NTWMGLHDQN GPWKWVDGTD YETGFKNWRP EQPDDWYGHG LGGGEDCAHF TDDGRWNDDV CQRPYRWVCE TELDKASQEP PLL
Sequence Length	291
Species	Human
Source	Human
Protein Residues	with N-terminal His-tag.
Usage	ASGR1 Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. **Avoid repeated freeze-thaw cycles.** Stability: The recombinant protein is stable for up to 12 months from date of receipt at -80°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ASGR1 recombinant protein	The asialoglycoprotein receptor binds to desialylated (galactosyl-terminal) glycoproteins. It transports these glycoproteins via a series of membrane vesicles and tubules to an acidic-sorting organelle where the receptor and ligand dissociate. The ASGR1 gene encodes a glycoprotein that forms the asialoglycoprotein receptor, also known as the Ashwell receptor, which is specific for desialylated (galactosyl-terminal) glycoproteins and is expressed exclusively in hepatic parenchymal cells. Partially deglycosylated plasma glycoproteins are efficiently and specifically removed from the circulation via this receptor-ligand complex. Many functional studies describing the kinetics of ligand-binding, internalization, and recycling of such receptors have been performed on the human hepatoma cell line HepG2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18149183
NCBI GeneID	432
Molecular Weight	Predicted MW: 26 kDa Observed MW: 26 kDa
NCBI Official Full Name	Asialoglycoprotein receptor 1
NCBI Official Synonym Full Names	asialoglycoprotein receptor 1
NCBI Official Symbol	ASGR1
NCBI Official Synonym Symbols	HL-1; ASGPR; ASGPR1; CLEC4H1
NCBI Protein Information	asialoglycoprotein receptor 1
UniProt Protein Name	Asialoglycoprotein receptor 1
UniProt Gene Name	ASGR1
UniProt Synonym Gene Names	CLEC4H1; ASGP-R 1; ASGPR 1; HL-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/asgr1-recombinant-protein-e-coli/55977>