

## Recombinant Human ASGR1, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 55-291 of Human Asialoglycoprotein Receptor 1 with an N terminal His tag; MWt 32kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	55-291 a.a.
<b>Description</b>	<p>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.</p>
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 88 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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**

VVCVIGSQNSQLQEELRGLRETFSNFTASTEAVKGLSTQ GGNVGRKMKLSLESQL  
 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



homodimerization activity; receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA