

## Product datasheet for **TP720660**

### Asialoglycoprotein Receptor 1 (ASGR1) (NM\_001671) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human asialoglycoprotein receptor 1 (ASGR1), transcript variant 1
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	QNSQLQEELR GLRETFNFT ASTEAQVKGL STQGGNVGRK MKSLESQLEK QQKDLSEDHS SLLLVKQFV SDLRSLSCQM AALQNGSER TCCPVNWVEH ERSCYWFSRS GKAWADADNY CRLEDAHLVV VTSWEEQKFV QHHIGPVNTW MGLHDQNGPW KWVDGTDYET GFKNWRPEQP DDWYGHGLGG GEDCAHFTDD GRWNDDVCQR PYRWVCETEL DKASQEPPLL VDHHHHHH
Tag:	C-His
Predicted MW:	27.43 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001662</a>
Locus ID:	432
UniProt ID:	<a href="#">P17661</a> , <a href="#">P07306</a> , <a href="#">Q53SB5</a> , <a href="#">Q6FGQ5</a>
RefSeq Size:	1519
Cytogenetics:	17p13.1
RefSeq ORF:	873
Synonyms:	ASGPR; ASGPR1; CLEC4H1; HL-1



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**Summary:**

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. [provided by RefSeq, Jan 2011]

**Protein Families:**

Druggable Genome, Transmembrane