

Product datasheet for **TP724806**

Asialoglycoprotein Receptor 1 (ASGR1) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Asialoglycoprotein Receptor Protein/ASGPR1 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln62-Leu291
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH7.2
Note:	Recombinant Human Asialoglycoprotein Receptor 1 is produced by our Mammalian expression system and the target gene encoding Gln62-Ile291 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-5 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	432
UniProt ID:	P07306
Synonyms:	Asialoglycoprotein Receptor 1; ASGP-R 1; ASGPR 1; C-Type Lectin Domain Family 4 Member H1; Hepatic Lectin H1; HL-1; ASGR1; CLEC4H1
Summary:	The asialoglycoprotein receptor (ASGPR) is an endocytotic cell surface receptor that is a member of the long-form subfamily of the C-type/Ca ²⁺ dependent lectin family. ASGPR is expressed by hepatocytes and a subset of T cells and can be induced by triantennary binding to galactose residues of macromolecules. It is a complex of two noncovalently-linked and highly homologous subunits, a major 42 kDa glycoprotein ASGPR1(MHL-1) and a minor 51 kDa glycoprotein ASGR2 (MHL-2). ASGPR is reported to bind Gal (nonreducing), GalNAc, and sialic acid alpha 2,6Gal and GalNAc. Studies found that ASGPR1 could be targeted for anti-hepatitis B virus (HBV) drug development.
Protein Families:	Druggable Genome, Transmembrane



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