

## Product datasheet for TP317541

### Asialoglycoprotein Receptor 2 (ASGR2) (NM\_080914) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human asialoglycoprotein receptor 2 (ASGR2), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217541 representing NM_080914 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAKDFQDIQQLSSEENDHPFHQGPPPAQPLAQRLCMVCFSLLALSFNILLLVICVTGSQSEGHRGAQL  
QAE LRSLKEAFS NFSSSTL TEVQAISTHGG SVGDKITSLGAKLEKQQDLKADHDALLFHLKHFPVDLRF  
VACQMELLHSNGSQR TCCPVNWEHQGSCYWF SHSGKAWAEAEKYCQLENAHLVINSWEEQKFIVQ  
HTN  
PFNTWIGLTDSDGSWKWVDGTDYRHNYKNWAVTQPDNWHGHELGGSEDCVEVQPDGRWNDDFCLQ  
VYRWV  
CEKRRNATGEVA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	32.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_550436](#)

Locus ID: 433

UniProt ID: [P07307](#)

RefSeq Size: 1202

Cytogenetics: 17p13.1

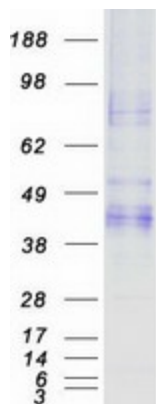
RefSeq ORF: 876

Synonyms: ASGP-R2; ASGPR2; CLEC4H2; HBXBP; HL-2

**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 less abundant minor subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified ASGR2 protein (Cat# TP317541). The protein was produced from HEK293T cells transfected with ASGR2 cDNA clone (Cat# [RC217541]) using MegaTran 2.0 (Cat# [TT210002]).