

## Product datasheet for **AR50600PU-S**

### ASGR2 (80-311, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	ASGR2 (80-311, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQSEGHRG AQLQAE LRSL KEAFSNFSSS TLTEVQAIST HGGSVGDKIT SLGAKLEKQQ QDLKADHDAL LFHLKHPVD LRFVACQ MEL LHSNGSQRTC CPVNWVEHQG SCYWFSHSGK AWAEAEKYCQ LENAHLVIN SWEEQKFIVQ HTNPFNTWIG LTSDSGSWKW VDGTDYRHNY KNWAVTQPDN WHGHELGSE DCVEVQPDGR WNDDFCLQVY RWVCEKRRNA TGEVA
Tag:	His-tag
Predicted MW:	28.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ASGR2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001172</a>
Locus ID:	433
UniProt ID:	<a href="#">P07307</a>
Cytogenetics:	17p13.1
Synonyms:	ASGP-R2; ASGPR2; CLEC4H2; HBXBP; HL-2



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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 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:**