
Product Data Sheet

Product Name: ASGR2 Human
 Cat. No.: GP22789
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Asialoglycoprotein receptor 2; ASGP-R 2; ASGPR 2; C-type lectin domain family 4 member H2; Hepatic lectin H2; HL-2; ASGR2; CLEC4H2; HBXBP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSQSEGHARG AQLQAELRSL KEAFSNFSSS TLTEVQAIST HGGVSGDKIT SLGAKLEKQQ QDLKADHDAL LFHLKHFPVD LRFVACQMEL LHSNGSQRTC CPVNWVEHQG SCYWFSHSGK AWAEAEKYCQ LENAHLVVIN SWEEQKFIVQ HTNPFNTWIG LTDSGGSWKW VDGTDYRHNY KNWAVTQPDN WHGHELGGSE DCVEVQPDGR WNDDFCLQVY RWVCEKRRNA TGEVA.		
Formulation	ASGR2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 30% glycerol and 1mM DTT.		

Introduction

Asialoglycoprotein Receptor 2 (ASGR2) is a hetero-oligomeric protein comprised of major and minor subunits, encoded by different genes. ASGR2 is a subunit of the asialoglycoprotein receptor; it is the less abundant minor subunit. The ASGR2 receptor is a transmembrane protein, which has a crucial role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosamine residues.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

ASGR2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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chain containing 255 amino acids (80-311 a.a) and having a molecular mass of 28.9kDa. ASGR2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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