NKMAXBIO We support you, we believe in your research

Recombinant human ASGR2 protein

Catalog Number: ATGP1776

PRODUCT INFORMATION

Expression system

E.coli

Domain

80-311aa

UniProt No.

P07307

NCBI Accession No.

NP 001172

Alternative Names

Asialoglycoprotein receptor 2, ASGP-R2; ASGPR2; CLEC4H2; HBXBP; HL-2

PRODUCT SPECIFICATION

Molecular Weight

28.9 kDa (255aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

ASGR2 is 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. It may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery. ASGR2 is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by different genes. ASGR2 is the less abundant minor subunit. Alternatively spliced transcript variants encoding multiple isoforms have



NKMAXBio We support you, we believe in your research

Recombinant human ASGR2 protein

Catalog Number: ATGP1776

been observed for this gene. Recombinant human ASGR2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

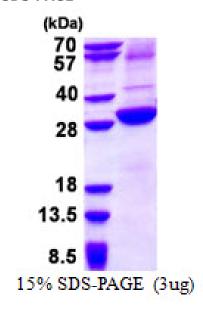
MGSSHHHHHH SSGLVPRGSH MGSQSEGHRG AQLQAELRSL KEAFSNFSSS TLTEVQAIST HGGSVGDKIT SLGAKLEKQQ QDLKADHDAL LFHLKHFPVD LRFVACQMEL LHSNGSQRTC CPVNWVEHQG SCYWFSHSGK AWAEAEKYCQ LENAHLVVIN SWEEQKFIVQ HTNPFNTWIG LTDSDGSWKW VDGTDYRHNY KNWAVTQPDN WHGHELGGSE DCVEVQPDGR WNDDFCLQVY RWVCEKRRNA TGEVA

General References

Seow YY., et al. (2002). Nephron. 91(3):431-8. Veselkin E., et al. (2011). PLoS One. 6(11):e27210.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

