



Catalog Number: PR27223

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MGSQSEHGRG AQLQAELRSL KEAFSNFSSS TLTEVQAIST HGGSVGDKIT SLGAKLEKQQ QDLKADHDAL LFHLKHFPVD LRFVACQMEL LHSNGSQRTC CPVNWVEHQG SCYWFSHSGK AWAEAEKYCQ LENAHLVVIN SWEEQKFIVQ HTNPFNTWIG LTDSDGSWKW VDGTDYRHNK KNWAVTQPDN WHGHELGGSE DCVEVQPDGR WNDDFCLQVY RWVCEKRRNA TGEVA.

Description/Molecular Mass: 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 glycoprotein with exposed terminal galactose or N-acetylgalactosamine residues.

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

Purity: Greater than 90.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: ASGR2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 30% glycerol and 1mM DTT.

Storage: 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.

FOR RESEARCH USE ONLY

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