

MOUSE ASGR1 PROTEIN, HIS TAG

Cat.#: 12198

Product Name: Mouse ASGR1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: ASGPR1;Asgr;Asgr-1;HL-1

Target: ASGR1

UNIPROT ID: P34927

Description: Recombinant mouse ASGR1 protein with C-terminal 6xHis tag

Background: Mediates the endocytosis of plasma glycoproteins to which the terminal sialic acid residue on their complex carbohydrate moieties has been removed. The receptor recognizes terminal galactose and N-acetylgalactosamine units. After ligand binding to the receptor, the resulting complex is internalized and transported to a sorting organelle, where receptor and ligand are disassociated. The receptor then returns to the cell membrane surface.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 26.6 kDa after removal of the signal peptide. The apparent molecular mass of His-mASGR1 is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: 6×His tag Mouse ASGR1(Gln61-Asn284)

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

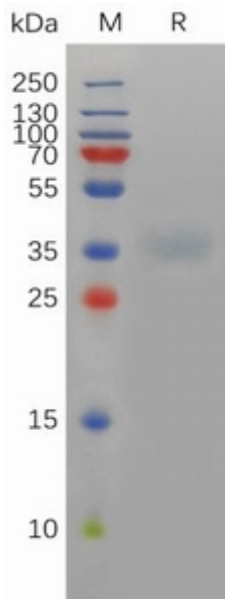


Figure 1. Mouse ASGR1 Protein, His Tag on SDS-PAGE under reducing condition.