

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 ROR1 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.

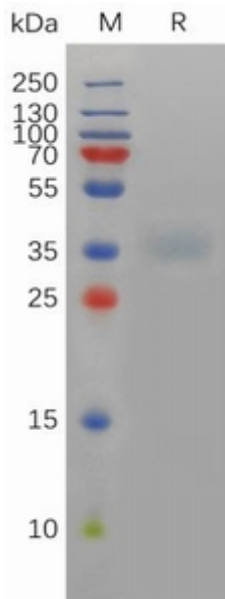


Figure 1. Mouse ASGR1 Protein, His Tag on SDS-PAGE under reducing condition.