

Active Recombinant Mouse Asgr2 Protein, His-tagged

Cat. No. Asgr2-3665M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Asgr2 Protein with His tag was expressed in Mouse myeloma cell line.
Species	Mouse
Source	Mammalian Cells
Description	This gene encodes 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. The asialoglycoprotein receptor is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by different genes. The protein encoded by this gene is the less abundant minor subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Bio-activity	Measured by its binding ability in a functional ELISA. rmASGPR1 immobilized at 2.5 µg/mL (100 µL/well) on a Mouse Anti-polyHistidine Monoclonal Antibody coated plate can bind biotinylated beta -Gal-NAc-PAA with a linear range of 2-150 ng/mL.
Molecular Mass	27 kDa
N-terminal Sequence Analysis	His

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Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in PBS.
Reconstitution	Reconstitute at 250 µg/mL in sterile PBS.
GENE INFORMATION	
Gene Name	Asgr2 asialoglycoprotein receptor 2 [Mus musculus (house mouse)]
Official Symbol	Asgr2
Synonyms	Asgr2; asialoglycoprotein receptor 2; Asgr; HL-2; ASGPR2; Asgr-2; asialoglycoprotein receptor 2; hepatic lectin 2
Gene ID	11890
mRNA Refseq	NM_007493
Protein Refseq	NP_031519
UniProt ID	P24721