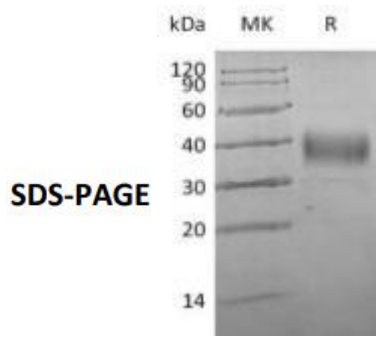


Recombinant Human ASGPR1(C-6His)

Catalog#:P00772 Derived from Human Cells

DESCRIPTION	<p>Recombinant Human Asialoglycoprotein Receptor 1 is produced by our Mammalian expression system and the target gene encoding Gln62-Ile291 is expressed with a 6His tag at the C-terminus.</p> <p>Accession#: P07306</p> <p>Known as: Asialoglycoprotein Receptor 1; ASGP-R 1; ASGPR 1; C-Type Lectin Domain Family 4 Member H1; Hepatic Lectin H1; HL-1; ASGR1; CLEC4H1</p>
FORMULATION	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.</p>
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100$\mu\text{g/ml}$.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass:27.43kDa AP Mol Mass:38kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.</p>
BACKGROUND	<p>Asialoglycoprotein Receptor 1 (ASGPR1) is an endocytic recycling receptor, belongs to the long-form subfamily of the C-type/Ca^{2+}-dependent lectin family. ASGPR consists of two noncovalently-linked subunits, ASGPR1 and ASGPR2. ASGPR1 mediates the endocytosis of plasma glycoproteins, recognizes terminal galactose and N-acetylgalactosamine units. When the ligand binds to ASGPR1, results in the complex is internalized and transported to a sorting organelle, then ASGPR1 and ligand can be disassociated, ASGPR1 returns to the cell membrane surface.</p>
 <p>SDS-PAGE</p>	