

ASGR2 Protein, Mouse, Recombinant (His & Myc)

General Information

Synonyms:	Asgr2;ASGP-R 2;Hepatic lectin 2 (HL-2;mHL-2);ASGPR 2;Asialoglycoprotein receptor 2;Asgr-2
Protein Construction:	80-301 aa
Species:	Mouse
Expression Host:	E. coli
Accession:	P24721
Molecular Weight:	29.9 kDa (predicted)
AA Sequence:	QSIQLQEEFRTLKETFSNFSSSTLMFEFGALDTLGGSTNAILTSWLAQLEEKQQQLKADHSTLLFHLKHFPMDLR TLTCQLAYFQSNGTECCPVNWWVEFGGSCYWFSRDGLTWAADQYQCLENALLVINSREEQDFVVKHRSQF HIWIGLTD RDGSKWVDGTDYRSNYRNWAFTQPDNWQGHQGGGEDCAEILSDGHWNDNFCQQVNRW VCEKRRNITH

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein 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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481