

# Recombinant Human ASGR2 Protein(His tag)

Cat. No: HH0215AL

## PRODUCT INFORMATION

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<b>Synonyms</b>	ASGR2; CLEC4H2; HL-2; HBXBP; ASGPR2; ASGP-R2
<b>Product Overview</b>	Recombinant Human ASGR2 Protein (P07307) (Gln80-Ala311) with an N-terminal polyhistidine tag was expressed in HEK293.
<b>Species</b>	Human
<b>Accession</b>	<a href="#">ASGR2</a>
<b>Source</b>	HEK293
<b>Tag</b>	His
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose and 5 % mannitol.
<b>Molecular Mass</b>	Recombinant Human ASGR2 comprises 252 amino acids and has a predicted molecular mass of 28.9 kDa. The apparent molecular mass of the protein is approximately 37-42 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method).
<b>Purity</b>	> 95 % by SDS-PAGE.

## USAGE GUIDE

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<b>Storage</b>	In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). Avoid repeated freeze/thaw cycles.
<b>Reconstitution</b>	Reconstitute in sterile distilled water to a concentration of 0.1-1.0 mg/mL.
<b>Warning</b>	For research use only!

## BACKGROUND

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<b>Background</b>	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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