

Datasheet for ABIN2714981

## Asialoglycoprotein Receptor 1 Protein (ASGR1) (Transcript Variant 1) (His tag)



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### Overview

Quantity:	10 µg
Target:	Asialoglycoprotein Receptor 1 (ASGR1)
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Asialoglycoprotein Receptor 1 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

### Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human ASGR1 (transcript variant 1) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

### Target Details

Target:	Asialoglycoprotein Receptor 1 (ASGR1)
Alternative Name:	Asgr1 ( <a href="#">ASGR1 Products</a> )
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

## Target Details

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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]

Molecular Weight: 27.43kD

NCBI Accession: [NP\\_001662](#)

Pathways: [Thyroid Hormone Synthesis](#)

## Application Details

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Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

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Buffer: Lyophilized from a 0.2  $\mu$ M filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.