

Datasheet for ABIN7563151

Asialoglycoprotein Receptor 1 Protein (ASGR1) (AA 1-284) (His tag)



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Overview

Quantity:	1 mg
Target:	Asialoglycoprotein Receptor 1 (ASGR1)
Protein Characteristics:	AA 1-284
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Asialoglycoprotein Receptor 1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Asgr1 Protein expressed in mammalian cells.
Sequence:	MTKDYQDFQH LDNDNDHHQL RRGPPPTPRL LQRLCSGSRL LLLSSLSIL LLVVVCVITS QNSQLREDLL ALRQNFNLT VSTEDQVKAL STQGSSVGRK MKLVESKLEK QKDLTEDHS SLLLHVKQLV SDVRSLSLSCQM AAFRNGSER TCCPINWVEY EGSCYWFSSS VRPWTEADKY CQLENAHLVV VTSRDEQNFL QRHMGPLNTW IGLTDQNGPW KWVDGTDYET GFQNRPEQP DNWYGHGLGG GEDCAHFTTD GRWNDDVCRR PYRWVCETKL DKAN Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Asialoglycoprotein Receptor 1 (ASGR1)
Alternative Name:	AsgR1 (ASGR1 Products)
Background:	Asialoglycoprotein receptor 1 (ASGP-R 1) (ASGPR 1) (Hepatic lectin 1) (HL-1) (mHL-1),FUNCTION: 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.
Molecular Weight:	32.6 kDa
UniProt:	P34927
Pathways:	Thyroid Hormone Synthesis

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months