

Datasheet for ABIN7562438

## B3GALT1 Protein (AA 1-326) (His tag)



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### Overview

Quantity:	1 mg
Target:	B3GALT1
Protein Characteristics:	AA 1-326
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B3GALT1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat B3galt1 Protein expressed in mammalian cells.
Sequence:	<p>MASKVSCLYV LTVVCWASAL WYLSITRPTS SYTGSKPFSH LTVARKNFTF GNIRTRPINP          HSFEFLINEP NKCEKNIPFL VILISTHKE FDARQAIRET WGDENNFKGI KIATLFLLGK          NADPVLNQMVEQESQIFHDI IVEFDISYH NLTKTLMGM RWWATFCSKA KYVMKTDSDI          FVNMDNLIYK LKPKSTKPRR RYFTGYVING GPIRDVRSKW YMPRDLYPDS NYPPFCSGTG          YIFSADVAEL IYKTSLHTRL LHLEDVYVGL CLRKLGHPF QNSGFNHWKM AYSLCRYRRV          ITVHQISPEE MHRIWNDMSS KKHLRC</p> <p><b>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.</b></p>

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>
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## Product Details

- 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, Western Blot
Grade:	custom-made

## Target Details

Target:	B3GALT1
Alternative Name:	B3galt1 ( <a href="#">B3GALT1 Products</a> )
Background:	Beta-1,3-galactosyltransferase 1 (Beta-1,3-GalTase 1) (Beta3Gal-T1) (Beta3GalT1) (EC 2.4.1.86) (UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase-I) (UDP-galactose:beta-N-acetylglucosamine-beta-1,3-galactosyltransferase 1),FUNCTION: Beta-1,3-galactosyltransferase that transfers galactose from UDP-alpha-D-galactose to substrates with a terminal beta-N-acetylglucosamine (beta-GlcNAc) residue. Involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins. {ECO:0000269 PubMed:9417047}.
Molecular Weight:	38.0 kDa
UniProt:	<a href="#">O54904</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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