

Datasheet for ABIN7552596

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



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	B3GALT1
Protein Characteristics:	AA 1-326
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B3GALT1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant B3GALT1 Protein expressed in mammalian cells.
Sequence:	MASKVSCLYV LTVVCWASAL WYLSITRPTS SYTGSKPFSH LTVARKNFTF GNIRTRPINP HSFEFLINEP NKCEKNIPFL VILISTTHKE FDARQAIRET WGDENNFKGI KIATLFLLGK NADPVLNQMV EQESQIFHDI IVEDFIDSYH NLTLKTLMG M RWVATFCSKA KYVMKTDSDI FVNMDNLIYK LLKPSTKPRR RYFTGYVING GPIRDVRSKW YMPRDLYPDS NYPPFCSGTG YIFSADVAEL IYKTS LHTRL LHLEDVYVGL CLRKLG IHPF QNSGFNHWKM AYSLCRYRRV ITVHQISPEE MHRIWNDMSS KKHLRC 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:	B3GALT1
Alternative Name:	B3GALT1 (B3GALT1 Products)
Background:	Beta-1,3-galactosyltransferase 1 (Beta-1,3-GalTase 1) (Beta3Gal-T1) (Beta3GalT1) (EC 2.4.1.86) (UDP-galactose:beta-N-acetyl-glucosamine-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. Inactive towards substrates with terminal alpha-N-acetylglucosamine (alpha-GlcNAc) or alpha-N-acetylgalactosamine (alpha-GalNAc) residues. {ECO:0000269 PubMed:9582303}.
Molecular Weight:	38.0 kDa
UniProt:	Q9Y5Z6

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.
--------------------	---

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