

Datasheet for ABIN7552547

B3GALT2 Protein (AA 1-422) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	B3GALT2
Protein Characteristics:	AA 1-422
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B3GALT2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant B3GALT2 Protein expressed in mammalian cells.
Sequence:	<p>MLQWRRRHCC FAKMTWNAKR SLFRTHLIGV LSLVFLFAMF LFFNHHDWLP GRAGFKENPV TYTFRGFRST KSETNHSSLR NIWKETVPQT LRPQTATNSN NTDLSPQGV T GLENTLSANG SIYNEKGTGH PNSYHFYII NEPEKCQEK S PFLILLIAAE PGQIEARRAI RQTWGNESLA PGIQITRIFL LGLSIKLN GY LQRAILEESR QYHDIIQEQY LDTYYNLTIK TLMGMNWWAT YCPHIPYVMK TDS DMFVNTE YLINKLLKPD LPPRHNYFTG YLMRGYAPNR NKDSKWYMPP DLYPSERYPV FCSGTGYVFS GD LAEKIFKV SLGIRRLHLE DVYVGICLAK LRIDPVPPP N EFVFNHWRVS YSSCKYSHLI TSHQFQPSEL IKYWNHLQQN KHNACANA AK EKAGRYRHRK LH 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.</p>
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.

Product Details

Characteristics:

Key Benefits:

- 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:

B3GALT2

Alternative Name:

B3GALT2 ([B3GALT2 Products](#))

Background:

Beta-1,3-galactosyltransferase 2 (Beta-1,3-GalTase 2) (Beta3Gal-T2) (Beta3GalT2) (EC 2.4.1.86) (UDP-galactose:2-acetamido-2-deoxy-D-glucose 3beta-galactosyltransferase 2),FUNCTION: Beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-N-acetylglucosamine (beta-GlcNAc) residue. Can also utilize substrates with a terminal galactose residue, albeit with lower efficiency. 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:9417100, ECO:0000269|PubMed:9582303}.

Molecular Weight:

49.2 kDa

UniProt:

[O43825](#)

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.

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
