

Datasheet for ABIN7556933

B4GALNT1 Protein (AA 1-533) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	B4GALNT1
Protein Characteristics:	AA 1-533
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B4GALNT1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant B4galnt1 Protein expressed in mammalian cells.
Sequence:	<p>MRLDRRALYA LVLLACASL GLLYSSTRNA PSLPNPLALW SPPQGPPRLD LLDLAPEPRY AHIPVRIKEQ VVGLLAQNNC SCESKGGSLP LPFLRQVRV DLTAFDAEE LRAVSVAREQ EYQAFLARSR SLADQLLIAP ANSPLQYPLQ GVEVQPLRSI LVPGLSLQEA SVQEIQVNL SASLGTWDVA GEVTGVTLTG EGQPDLTAS PVLDKLNRQL QLVTYSSRSY QANTADTVRF STKGHEVAFT ILVRHPPNPR LYPPSSLPQG AEYNISALVT IATKTFRLYD RLRTLIASIR RFYPTVTIVI ADDSDKPERI SDPHVEHYFM PFGKGFAGR NLAVSQVTTK YVLWVDDDFV FTARTRLEKL VDVLEKTPLD LVGGAVREIS GYATTYRQLL SVEPGAPGLG NCFRQKQGFH HELVGFPSCV VTDGVVNFLL ARTDKVRQVG FDPRLNRVAH LEFFLDGLGF LRVGSCSDVV VDHASKVKLP WTAKDPGAET YARYRYPGSL DQSQVAKHRL LFFKHRLQCM TAE 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>

Product Details

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:**

- 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: B4GALNT1

Alternative Name: B4galnt1 ([B4GALNT1 Products](#))

Background: Beta-1,4 N-acetylgalactosaminyltransferase 1 (EC 2.4.1.92) ((N-acetylneuraminyl)-galactosylglucosylceramide) (GM2/GD2 synthase) (GalNAc-T),FUNCTION: Involved in the biosynthesis of gangliosides GM2, GD2 and GA2. {ECO:0000269|PubMed:8855236}., FUNCTION: Involved in the biosynthesis of gangliosides GM2, GD2, GT2 and GA2 from GM3, GD3, GT3 and GA3, respectively. {ECO:0000250|UniProtKB:Q10468}.

Molecular Weight: 59.2 kDa

UniProt: [Q09200](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
