

Datasheet for ABIN7552689

B3GALTL Protein (AA 1-498) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	B3GALTL
Protein Characteristics:	AA 1-498
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B3GALTL protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat B3GLCT Protein expressed in mammalien cells.
Sequence:	MRPPACWWLL APPALLALLT CSLAFGLASE DTKKEVKQSQ DLEKSGISRK NDIDLKGIVF VIQSQSNSFH AKRAEQLKKS ILKQAADLTQ ELPSVLLHQLAKQEGAWTI LPLLPHFSVT YSRNSSWIFF CEEETRIQIP KLETLRRYD PSKEWFLGKA LHDEEATIIH HYAFSENPTV FKYPDFAAGW ALSIPLVNKL TKRLKSESLK SDFTIDLKHE IALYIWDKGG GPPLTPVPEF CTNDVDFYCA TTFHSFLPLC RKPVKKKIDIF VAVKTCKKFH GDRIPVKQT WESQASLIEY YSDYTENSIP TVDLGIPNTD RGHCCKTFAI LERFLNRSQD KTAWLVIVDD DTLISISRLQ HLLSCYDSGE PVFLGERYGY GLGTGGYSYI TGGGGMVFSR EAVRRLASK CRCYSNDAPD DMVLGMCFSG LGIPVTHSPL FHQARPVDYP KDYLHQVPI SFHKHWNIDP VKVYFTWLAP SDEDKARQET QKGFREEL 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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

B3GALTL

Alternative Name:

B3GLCT ([B3GALTL Products](#))

Background:

Beta-1,3-glucosyltransferase (Beta3Glc-T) (EC 2.4.1.-) (Beta 3-glucosyltransferase) (Beta-3-glycosyltransferase-like),FUNCTION: O-glucosyltransferase that transfers glucose toward fucose with a beta-1,3 linkage. Specifically glucosylates O-linked fucosylglycan on TSP type-1 domains of proteins, thereby contributing to elongation of O-fucosylglycan. {ECO:0000269|PubMed:16899492}.

Molecular Weight:

56.6 kDa

UniProt:

[Q6Y288](#)

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.

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