

Datasheet for ABIN7556932

## B4GALNT2 Protein (AA 1-510) (His tag)



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### Overview

Quantity:	1 mg
Target:	B4GALNT2
Protein Characteristics:	AA 1-510
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B4GALNT2 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant B4galnt2 Protein expressed in mammalian cells.
Sequence:	<p>MTSSVSFASF RFPWLLKTFV LMVGLATVAF MVRKVSLTTD FSTFKPKFPE PARVDPVLKL  LPEEHLRKLF TYSDIWLFPK NQCDCNSGKL RMKYKFQDAY NQKDLPAVNA RRQAEFEHFQ  RREGLRPPPP LLAPPNLPFG YPVHGVEVMP LHTILIPGLQ YEGPDAPVYE VILKASLGTL  NTLADVDPDE VQGRGQRQLT ISTRHRKVLN FILQHVTYTS TEYYLHKVDT VSMEYESSVA  KFPVTIKQQT VPKLYDPGPE RKIRNLVTIA TKTFLRPHKL KILLQSIRKY YPDITVIVAD DSKEPLEIND  DYVEYYTMPF GKGWFAGRNL AISQVTTKYV LWVDDDFLFS DKTKIEVLVD VLEKTELDVV  GGSVQGNTYQ FRLLYEQTKN GSCLHQRWGS FQALDGFP GC TLTSGVVNFF LAHTEQLRRV  GFDPIQRVA HGEFFIDGLG RLLVGSCPGV IINHQVRTTP KDPKLAALEK TYDKYRANTN  SVIQFKVALQ YFKNHLYCST</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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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:

B4GALNT2

### Alternative Name:

B4galnt2 ([B4GALNT2 Products](#))

### Background:

Beta-1,4 N-acetylgalactosaminyltransferase 2 (EC 2.4.1.-),FUNCTION: Responsible for synthesis of murine T-lymphocyte CT antigen. Can transfer N-acetylgalactosamine moiety from UDP-GalNAc to the low molecular weight acceptor 3'-sialyl-N-acetyllactosamine, to form a non-reducing terminal tetrasaccharide Sda blood group structure.

### Molecular Weight:

58.3 kDa

### UniProt:

[Q09199](#)

## 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