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Datasheet for ABIN7552525
B3GALT5 Protein (AA 1-310) (His tag)

Overview

Quantity:	1 mg
Target:	B3GALT5
Protein Characteristics:	AA 1-310
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B3GALT5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant B3GALT5 Protein expressed in mammalian cells.
Sequence:	MAFPKMRLMY ICLLVLGALC LYFSMYSLNP FKEQSFVYKK DGNFLKLPDT DCRQTPPFLV LLVTSSHKQL AERMAIRQTW GKERMVKGKQ LKTFLLGTT SSAETKEVD QESQRHGDII QKDFLDVYYN LTLKTMMGIE WVHRFCPQAA FVMKTDSDMF INVDYLTELL LKKNRTRRFF TGFLKLNEFP IRQPFSKWFV SKSEYPWDYR PPFCSGTGYV FSGDVASQVY NVSKSVPIYK LEDVFGVGLCL ERLNIRLEEL HSQPTFFPGG LRFVSVCLFRR IVACHFIKPR TLLDYWQALE NSRGEDCPPV 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:	B3GALT5
Alternative Name:	B3GALT5 (B3GALT5 Products)
Background:	Beta-1,3-galactosyltransferase 5 (Beta-1,3-GalTase 5) (Beta3Gal-T5) (Beta3GalT5) (b3Gal-T5) (EC 2.4.1.-) (Beta-3-Gx-T5) (UDP-Gal:beta-GlcNAc beta-1,3-galactosyltransferase 5) (UDP-galactose:beta-N-acetylglucosamine beta-1,3-galactosyltransferase 5),FUNCTION: Catalyzes the transfer of Gal to GlcNAc-based acceptors with a preference for the core3 O-linked glycan GlcNAc(beta1,3)GalNAc structure. Can use glycolipid LC3Cer as an efficient acceptor. {ECO:0000269 PubMed:10406968, ECO:0000269 PubMed:10837462}.
Molecular Weight:	36.2 kDa
UniProt:	Q9Y2C3

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