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Datasheet for ABIN7557467

B3GNT3 Protein (AA 1-372) (His tag)

Overview

Quantity:	1 mg
Target:	B3GNT3
Protein Characteristics:	AA 1-372
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B3GNT3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat B3gnt3 Protein expressed in mammalien cells.
Sequence:	MRLPRQSPYE ILLLVLVALL VLLLLLTSKS PPSCSAPERS KEPEDNPGWA TGHPRTHPAR CRANLSVSSH PDFAGLPLHV RDFLFYRHCR DFPVLEPRV TKCAEPVLL LAIKSSPANY GRRQMLRRTW ARERRVRGAP LRRLFLVGS D RDPQQARKYN RLLELEAQKY GDILQWDFHD SFFNLTLKQV LFLEWQLTYC TNASFVLNGD DDVFAHTDNM VTYLQDHDPD QHLFVGHLIQ NVGPIRVPWS KYFIPALVMA EDRYPPYCGG GGFLLSRFTV AALRRAARVL PMFPIDDVFL GMCLQQQGLA PGTHSGVRTA GVFPSPRVS SFDPCFYRDL LLVHRFLPFE MLLMWDALNQ PQLLCGRQSP AY 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.
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, Western Blot

Grade: custom-made

Target Details

Target: B3GNT3

Alternative Name: B3gnt3 ([B3GNT3 Products](#))

Background: N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 3 (EC 2.4.1.149) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (EC 2.4.1.146) (Core1-beta3GlcNAcT) (UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3) (BGnT-3) (Beta-1,3-Gn-T3) (Beta-1,3-N-acetylglucosaminyltransferase 3) (Beta3Gn-T3),FUNCTION: Beta-1,3-N-acetylglucosaminyltransferase involved in the synthesis of poly-N-acetyllactosamine. Has activity for type 2 oligosaccharides. Also acts as a core1-1,3-N-acetylglucosaminyltransferase (Core1-beta3GlcNAcT) to form the 6-sulfo sialyl Lewis x on extended core1 O-glycans. {ECO:0000250|UniProtKB:Q9Y2A9}.

Molecular Weight: 42.6 kDa

UniProt: [Q5JCS9](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

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.

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
