

Datasheet for ABIN7552524

B3GNT8 Protein (AA 1-397) (His tag)



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Overview

Quantity:	1 mg
Target:	B3GNT8
Protein Characteristics:	AA 1-397
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B3GNT8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant B3GNT8 Protein expressed in mammalian cells.
Sequence:	<p>MRCPKCLLCL SALLTLLGLK VYIEWTSESR LSKAYPSPRG TPPSPTPANP EPTLPANLST</p> <p>RLGQTIPLPF AYWNQQQWRL GSLPSGDSTE TGGCQAWGAA AATEIPDFAS YPKDLRRFLL</p> <p>SAACRSFPQW LPGGGGSQVS SCSDTDVPYL LLAVKSEPGR FAERQAVRET WGSPAPGIRL</p> <p>LFLLGSPVGE AGPDLDLVA WESRRYSDLL LWDFLDVPFN QTLKDLLLLA WLGRHCPTVS</p> <p>FVLRAQDDAF VHTPALLAHL RALPPASARS LYLGEVFTQA MPLRKPGGPF YVPESFFEGG</p> <p>YPAYASGGGY VIAGRLAPWL LRAAARVAPF PFEDVYTGLC IRALGLVPQA HPGFLTAWPA</p> <p>DRTADHCAFR NLLLVRLPLGP QASIRLWKQL QDPRLQC Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
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.

Product Details

Characteristics:	<div><div>Key Benefits:</div><ul style="list-style-type: none">• 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).<p>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.</p><p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p><p>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.</p></div>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	B3GNT8
Alternative Name:	B3GNT8 (B3GNT8 Products)
Background:	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 8 (BGnT-8) (Beta-1,3-Gn-T8) (Beta-1,3-N-acetylglucosaminyltransferase 8) (Beta3Gn-T8) (EC 2.4.1.-),FUNCTION: Beta-1,3-N-acetylglucosaminyltransferase that plays a role in the elongation of specific branch structures of multiantennary N-glycans. Has strong activity towards tetraantennary N-glycans and 2,6 triantennary glycans. {ECO:0000269 PubMed:15620693, ECO:0000269 PubMed:15917431}.
Molecular Weight:	43.4 kDa
UniProt:	Q7Z7M8

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