

Datasheet for ABIN7553973

GALNT6 Protein (AA 1-622) (His tag)



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Overview

Quantity:	1 mg
Target:	GALNT6
Protein Characteristics:	AA 1-622
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALNT6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat GALNT6 Protein expressed in mammalian cells.
Sequence:	<p> MRLRRRRHMP LRLAMVGCAF VLFLFLLHRD VSSREEATEK PWLKSLVSRK DHVLDLMLEA MNNLRDSMPK LQIRAPEAQQ TLFSINQSC L PGFYTPAELK PFWERPPQDP NAPGADGKAF QKSKWTPLET QEKEEGYKKH CFNAFASDRI SLQRSLGPD T RPPECVDQKF RRCPLATTS VIIVFHNEAW STLLRTVYSV LHTTPAILLK EIILVDDAST EEHLKEKLEQ YVKQLQVVRV VRQEERKGLI TARLLGASVA QAEVLTFLDA HCECFHGWLE PLLARIAEDK TVVSPDIVT IDLNTFEFAK PVQRGRVHSR GNFDWSLTFG WETLPPHEKQ RRKDETYPIK SPTFAGGLFS ISKSYFEHIG TYDNQMEIWG GENVEMSFRV WQCGGQLEI PCSVVGHVFR TKSPHTFPKG TSVIARNQVR LAEVMDSYK KIFYRRNLQA AKMAQEKSFG DISERLQLRE QLHCHNFSWY LHNVPPEMFV PDLTPTFYGA IKNLGTNQCL DVGENNRRGK PLIMYSCHGL GGNQYFEYTT QRDLRHNIAK QLCLHVSKGA LGLGSCHFTG KNSQVPKDEE WELAQDQLIR NSGSGTCLTS QDKKPAMAPC NPSPDHLWL FV Sequence without tag. The proposed Purification-Tag is </p>

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:	<p>Key Benefits:</p> <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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	GALNT6
Alternative Name:	GALNT6 (GALNT6 Products)
Background:	<p>Polypeptide N-acetylgalactosaminyltransferase 6 (EC 2.4.1.41) (Polypeptide GalNAc transferase 6) (GalNAc-T6) (pp-GaNTase 6) (Protein-UDP acetylgalactosaminyltransferase 6) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 6),FUNCTION: Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor (PubMed:10464263, PubMed:31932717). May participate in synthesis of oncofetal fibronectin (PubMed:10464263). Has activity toward MUC1A, MUC2, EA2 and fibronectin peptides (PubMed:10464263). Glycosylates FGF23 (PubMed:31932717). {ECO:0000269 PubMed:10464263, ECO:0000269 PubMed:31932717}.</p>
Molecular Weight:	71.2 kDa

Target Details

UniProt: [Q8NCL4](#)

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