

Datasheet for ABIN7553972
GALNT3 Protein (AA 1-633) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GALNT3
Protein Characteristics:	AA 1-633
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALNT3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GALNT3 Protein expressed in mammalian cells.
Sequence:	MAHLKRLVKL HIKRHYHKKF WKLGAIVFFF IIVLVLMQRE VSVQYSKEES RMERNMKNKN KMLDLMLEAV NNIKDAMPKM QIGAPVRQNI DAGERPCLQG YTTAAELKPV LDRPPQDSNA PGASGKAFKT TNLSVEEQKE KERGEAKHCF NAFASDRISL HRDLGPDTRP PECIEQKFKR CPPLPTTSVI IVFHNEAWST LLRTVHSVLY SSPAILLKEI ILVDDASVDE YLHDKLDEYV KQFSIVKIVR QRERKGLITA RLLGATVATA ETLTFLDAH CECFYGWLEPL LARIAENYTA VVSPDIASID LNTFEFNKPS PYGSNHNHNRGN FDWSLSFGWE SLPDHEKQRR KDETYPKTP TFAGGLFSIS KEYFEYIGSY DEEMEIWGGE NIEMSFRVWQ CGGQLEIMPC SVVGHVFRSK SPHSFPKGTQ VIARNQVRLA EVWMDEYKEI FYRRNTDAAK IVKQKAFGDL SKRFEIKHRL QCKNFTWYLN NIYPEVYVPD LNPVISGYIK SVGQPLCLDV GENNQGGKPL IMYTCHGLGG NQYFEYSAQH EIRHNIQKEL CLHAAQLVQ LKACTYKGHK TVVTGEQIWE IQKDQLLYNP FLKMCLSANG EHPSLVSCNP SDPLQKWILS QND Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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:

- 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: GALNT3

Alternative Name: GALNT3 ([GALNT3 Products](#))

Background: Polypeptide N-acetylgalactosaminyltransferase 3 (EC 2.4.1.41) (Polypeptide GalNAc transferase 3) (GalNAc-T3) (pp-GaNTase 3) (Protein-UDP acetylgalactosaminyltransferase 3) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3),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:8663203, PubMed:9295285, PubMed:16638743, PubMed:31932717). Has activity toward HIV envelope glycoprotein gp120, EA2, MUC2, MUC1A and MUC5AC (PubMed:8663203, PubMed:9295285). Probably glycosylates fibronectin in vivo (PubMed:9295285). Glycosylates FGF23 (PubMed:16638743, PubMed:31932717). {ECO:0000269|PubMed:16638743,

Target Details

ECO:0000269|PubMed:31932717, ECO:0000269|PubMed:8663203,
ECO:0000269|PubMed:9295285}.

Molecular Weight: 72.6 kDa

UniProt: [Q14435](#)

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