

Datasheet for ABIN7554008
GALNT10 Protein (AA 1-603) (His tag)



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Overview

Quantity:	1 mg
Target:	GALNT10
Protein Characteristics:	AA 1-603
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALNT10 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat GALNT10 Protein expressed in mammalian cells.
Sequence:	MRRKEKRLQ AVALVLAALV LLPNVGLWAL YRERQPDGTP GGSGAAVAPA AGQGSHSRQK KTFFLGDGQK LKDWHDKEAI RRDAQRVGNG EQGRYPMTD AERVDQAYRE NGFNIYVSDK ISLNRSLPDI RHPNCNSKRY LETLPNTSII IPFHNEGWSS LLRTVHSV LN RSPPELVAEI VLVDDFSDRE HLLKPLEDYM ALFPSVRILR TTKREGLIRT RMLGASVATG DVITFLDSHC EANVNWLPPL LDRIARNRKT IVCPMIDVID HDDFRYETQA GDAMRGAFDW EMYYKRIPI PELQKADPSD PFESPVMAGG LFAVDRKWFV ELGGYDPGLE IWGGEQYEIS FKVWMCGRM EDIPCSRUGH IYRKYVPYKV PAGVSLARNL KRVAEVMWDE YAEYIYQRRP EYRHLSAGDV AVQKKLRSSL NCKSFKWFMT KIAWDLPKFY PPVEPPAAAW GEIRNVGTGL CADTKHGALG SPLRLEGCVR GRGEAAWNNM QVFTFTWRED IRPGDPQHTK KFCFDAISHT SPVTLYDCHS MKG NQLWKYR KDKTLYHPVS GSCMDCSESD HRIFMNTCNP SSLTQQWLFE HTNSTVLEKF NRN 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:

- 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:

GALNT10

Alternative Name:

GALNT10 ([GALNT10 Products](#))

Background:

Polypeptide N-acetylgalactosaminyltransferase 10 (EC 2.4.1.41) (Polypeptide GalNAc transferase 10) (GalNAc-T10) (pp-GaNTase 10) (Protein-UDP acetylgalactosaminyltransferase 10) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10),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. Has activity toward Muc5Ac and EA2 peptide substrates.

Molecular Weight:

69.0 kDa

UniProt:

[Q86SR1](#)

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
