

Datasheet for ABIN7553983

GALNT9 Protein (AA 1-603) (His tag)



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Overview

Quantity:	1 mg
Target:	GALNT9
Protein Characteristics:	AA 1-603
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALNT9 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat GALNT9 Protein expressed in mammalian cells.
Sequence:	MAVARKIRTL LTVNILVFGV IVLFSVYCRL QGRSQELVRI VSGDRRVRSR HAKVGTLGDR EAILQRLDHL EEVYVYNQLNG LAKPIGLVEG PGGLGQGGLA ATLRDDGQEA EGKYEEYGYN AQLSDRISLD RSIPDYRPRK CRQMSYAQDL PQVSVVFIFV NEALSVILRS VHSVNNHTPS QLLKEVILVD DNSDNVELKF NLDQYVKNRY PGLVKIVRNS RREGLIRARL QGWKAATAPV VGFFDAHVEF NTGWAEPALS RIEDRRRIV LPAIDNIKYS TFEVQYANA AHGYNWGLRC MYIIPPQDWL DRGDESAPIR TPAMIGCSFV VDREYFGDIG LLDPGMEVYG GENVELGMRV WQCGGSMEVL PCSRVAHIER TRKPYNNIDID YYAKRNALRA AEVWMDDFKS HVYMAWNIPM SNPGVDFGDV SERLALRQRL KCRSFKWYLE NVYPEMRVYN NTLTYGEVRN SKASAYCLDQ GAEDGDRAIL YPCHGMSSQL VRYSADGLLQ LGPLGSTAFL PDSKCLVDDG TGRMPTLKCC EDVARPTQRL WDFTQSGPIV SRATGRCLEV EMSKDANFGL RLVVQRCGSGQ KWMIRNWIKH ARH 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:	GALNT9
Alternative Name:	GALNT9 (GALNT9 Products)
Background:	Polypeptide N-acetylgalactosaminyltransferase 9 (EC 2.4.1.41) (Polypeptide GalNAc transferase 9) (GalNAc-T9) (pp-GaNTase 9) (Protein-UDP acetylgalactosaminyltransferase 9) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 9),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. Does not glycosylate apomucin or SDC3. {ECO:0000269 PubMed:10978536, ECO:0000269 PubMed:12407114}.
Molecular Weight:	68.4 kDa
UniProt:	Q9HCQ5

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