

Product datasheet for **TP322849**

GALNT8 (NM_017417) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 8 (GalNAc-T8) (GALNT8), full length, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222849 representing NM_017417 Red =Cloning site Green =Tags(s)

MMFWRKLPKALFIGLTLAIAVNLLLVFSSKGTLQNLFTGGLHRELPLHLNKRYGAVIKRLSHLEVELQDL
KESMKLALRQQENVNSTLKRAKDEVPRLLKAMETKVNETHKHKTKMCLFPHSQLFRQWGEDLSEAQQKAA
QDLFRKFGYNAYLSNQLPLNRTIPDTRDYRCLRKTYPSQLPSLSVILIFVNEALSIIQRAITSIINRTPS
RLLKEIILVDDFSSNGELKVHLDEKIKLYNQKYPGLLKIIIRHPERKGLAQRANTGWEAATADWAILDAH
IEVNVGWAEPILARIQEDRTVIVSPVFDNIRFDTFKLDKYELAVDGFNWELWCRYDALPQAWIDLHDVTA
PVKSPSIMGILAAANRHFLGEIGSLDGGMLIYGGENVLSLRVWQCGGKVEILPCSRIHLERHHKPYALD
LTAALKRNALRVAEIWMDEHKHMVYLAWNIPLQNSGIDFGDVSSRMALREKLKCKTFDWYLNKVVYPLLPK
LHTIVGYGRMKNLLDENVCLDQGPVPGNTPIMYYCHEFSSQNVYYHLTGELYVQGQIAEASASDRCLTDP
GKAEKPTLEPCSKAAKNRLHIYWDFKPGGAVINRDTKRCLMKKDLLGSHVLVLQTCSTQVWEIQHTVRD
WGQTNSQ

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

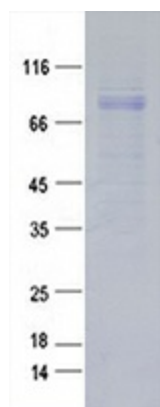
Tag:	Myc-DDK
Predicted MW:	72.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_059113
Locus ID:	26290
UniProt ID:	Q9NY28
RefSeq Size:	2135
Cytogenetics:	12p13.32
RefSeq ORF:	1911
Synonyms:	GALNAC-T8
Summary:	This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. [provided by RefSeq, Jul 2008]
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, O-Glycan biosynthesis

Product images:



Purified recombinant protein GALNT8 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.