

Product datasheet for **TP316821M**

GALNT13 (NM_052917) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13) (GALNT13), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216821 protein sequence Red =Cloning site Green =Tags(s)

MRRFVYCKVVLATSLMWVLDVFLLLYFSECNKDDKKERSLLPALRAVISRNQEGPGEMGKAVLIPKDD
QEKMKELFKINQFNLMASDLIALNRSLPDVRLLEGCKTKVYPDELNPTSVVIVFHNEAWSTLLRTVYSVIN
RSPHYLLSEVILVDDASERDFLKLTLNENYVKNLEVPVKIIRMEERSGLIRARLRGAAASKGQVITFLDAH
CECTLGWLEPLLARIKEDRKTVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYVVPQREMDRRKGD
RTLTPVRTPTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQCGGSLEIVTCSHVGHVFRKATP
YTFPGGTGHVINKNNRRLAEVWMDEFKDFFYIISPGVVKVDYGDVSVRKTRENKCKPFSWYLENIYPD
SQIPRRYSLGEIRNVETNQCLDNMGRKENEKVGIFNCHGMGGNQVFSYTADKEIRTDLCLDVSRLNGP
VIMLKCHHMRGNQLWEYDAERLTLRHVNSNQCLDEPSEEDKMVPTMQDCSGSRSQQWLLRNMTLGT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

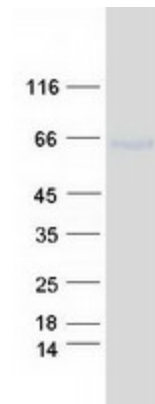
Tag:	C-Myc/DDK
Predicted MW:	63.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_443149
Locus ID:	114805
UniProt ID:	Q8IUC8
RefSeq Size:	5689
Cytogenetics:	2q23.3-q24.1
RefSeq ORF:	1668
Synonyms:	GalNAc-T13
Summary:	The GALNT13 protein is a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAcT; EC 2.4.1.41) family, which initiate O-linked glycosylation of mucins (see MUC3A, MIM 158371) by the initial transfer of N-acetylgalactosamine (GalNAc) with an alpha-linkage to a serine or threonine residue.[supplied by OMIM, Apr 2004]
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, O-Glycan biosynthesis

Product images:



Coomassie blue staining of purified GALNT13 protein (Cat# [TP316821]). The protein was produced from HEK293T cells transfected with GALNT13 cDNA clone (Cat# [RC216821]) using MegaTran 2.0 (Cat# [TT210002]).