

Product datasheet for TP307893L

GALNT2 (NM_004481) Human Recombinant Protein

Product data:

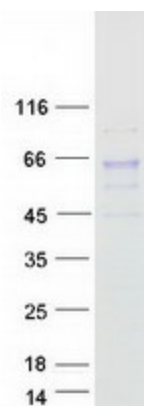
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) (GALNT2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207893 protein sequence Red=Cloning site Green=Tags(s)
	<p>MRRRSRMLLCFAFLWVLGIAYMYSGGGSALAGGAGGGAGRKEDWNEIDPIKKKDLHHSNGEKAQSMET LPPGKVRWPDFNQEAYVGGTMVRSQDPYARNKFNQVESDKLRMDRAIPDTRHDQCQRKQWRVLDLPATSV VITFHNEARSALLRTVSVLKKSPPHLIKEIILVDDYSNDPEDGALLGKIEKVRVLRNDRREGLMRSRVR GADAAQAKVLTFLDSHCECNEHWLEPLLERVAEDRTRRVSPIIDVINMDNFQYVGASADLKGDFDWNLVF KWDYMTPEQRRSRQGNPVAPIKTPMIAGGLFVMDKFYFEELGKYDMMMDVWGGENLEISFRVWQCGGSLE IIPCSRVGHVFRKQHPYTFPGGSGTVFARNTRAAEVWMDEYKNFYAAVPSARNVPYGNIQSRLELRKK LSCKPFKWYLENVPELRVPDHQDIAFGALQQGTNCLDTLGHFADGVGVYECHNAGGNQEWALTKEKSV KHMDLCLTVVDRAPGSLIKLQGCRENDSRQKWEQIEGNSKLRHVGSNLCLDSRTAKSGGSLVEVCGPALS QQWKFTLNLQQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	64.6 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.



[View online »](#)

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_004472
Locus ID:	2590
UniProt ID:	Q10471 , A0A1L7NY50
RefSeq Size:	4484
Cytogenetics:	1q42.13
RefSeq ORF:	1713
Synonyms:	CDG2T; GalNAc-T2
Summary:	This gene encodes a member of the glycosyltransferase 2 protein family. Members of this family initiate mucin-type O-glycosylation of peptides in the Golgi apparatus. The encoded protein may be involved in O-linked glycosylation of the immunoglobulin A1 hinge region. This gene may influence triglyceride levels, and may be involved Type 2 diabetes, as well as several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]
Protein Families:	Secreted Protein, Transmembrane
Protein Pathways:	Metabolic pathways, O-Glycan biosynthesis

Product images:



Coomassie blue staining of purified GALNT2 protein (Cat# [TP307893]). The protein was produced from HEK293T cells transfected with GALNT2 cDNA clone (Cat# [RC207893]) using MegaTran 2.0 (Cat# [TT210002]).