

## Product datasheet for **TP307893**

### **GALNT2 (NM\_004481) Human Recombinant Protein**

#### Product data:

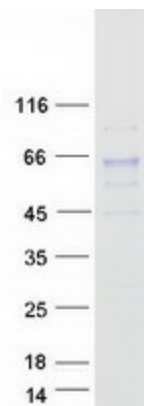
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2) (GALNT2), 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC207893 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MRRRSRMLLCFAFLWVLGIAYMYSGGGSALAGGAGGGAGRKEDWNEIDPIKKKDLHHSNGEKAQSMET LPPGKVRWPDFNQEAYVGGTMVRSQDPYARNKFNQVESDKLRMDRAIPDTRHDQCQRKQWRVDLPATSV VITFHNEARSALLRTVSVLKKSPPHLIKEIILVDDYSNDPEDGALLGKIEKVRVLRNDRREGLMRSRVR GADAAQAKVLTFLDSHCECNEHWLEPLLERVAEDRTRRVSPIIDVINMDNFQYVGASADLKGDFDWNLVF KWDYMTPEQRRSRQGNPVAPIKTPMIAGGLFVMDKFYFEELGKYDMMMDVWGGENLEISFRVWQCGGSLE IIPCSRVGHVFRKQHPYTFPGGSGTVFARNTRAAEVWMDEYKNFYAAVPSARNVPYGNIQSRLELRKK LSCKPFKWYLENVPELRVPDHQDIAFGALQQGTNCLDTLGHFADGVGVYECHNAGGNQEWALTKEKSV KHMDLCLTVVDRAPGSLIKLQGCRENDSRQKWEQIEGNSKLRHVGSNLCLDSRTAKSGGSLVEVCGPALS QQWKFTLNLQQ</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	64.6 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004472</a>
<b>Locus ID:</b>	2590
<b>UniProt ID:</b>	<a href="#">Q10471</a> , <a href="#">A0A1L7NY50</a>
<b>RefSeq Size:</b>	4484
<b>Cytogenetics:</b>	1q42.13
<b>RefSeq ORF:</b>	1713
<b>Synonyms:</b>	CDG2T; GalNAc-T2
<b>Summary:</b>	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]
<b>Protein Families:</b>	Secreted Protein, Transmembrane
<b>Protein Pathways:</b>	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]).