

Product datasheet for **TP307893M**

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), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC207893 protein sequence Red =Cloning site Green =Tags(s) |
| | <p>MRRRSRMLLCFAFLWVLGIAYMYSGGGSALAGGAGGGAGRKEDWNEIDPIKKKDLHHSNGEKAQSMET LPPGKVRWPDFNQEAYVGGTMVRSQDPYARNKFNQVESDKLRMDRAIPDTRHDQCQRKQWRVDLPATSV VITFHNEARSALLRTVSVLKKSPPHLIKEIILVDDYSNDPEDGALLGKIEKVRVLRNDRREGLMRSRVR GADAAQAKVLTFLDSHCECNEHWLEPLLERVAEDRTRRVSPIIDVINMDNFQYVGASADLKGDFDWNLVF KWDYMTPEQRRSRQGNPVAPIKTPMIAGGLFVMDKFYFEELGKYDMMMDVWGGENLEISFRVWQCGGSLE IIPCSRVGHVFRKQHPYTFPGGSGTVFARNTRAAEVWMDEYKNFYAAVPSARNVPYGNIQSRLELRKK LSCKPFKWYLENVPELRVPDHQDIAFGALQQGTNCLDTLGHFADGVVGVYECHNAGGNQEWALTKEKSV 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. |



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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_004472](#)

Locus ID: 2590

UniProt ID: [Q10471](#), [A0A1L7NY50](#)

RefSeq Size: 4484

Cytogenetics: 1q42.13

RefSeq ORF: 1713

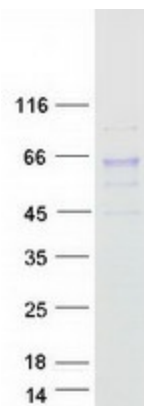
Synonyms: CDG2T; GalNAc-T2

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]).