

Recombinant Human GALNT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GALNT2-1478H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GALNT2 MS Standard C13 and N15-labeled recombinant protein (NP_004472) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	64.7 kDa
AA Sequence	MRRRSRMLLCFAFLWVLGIAYMYSGGGSALAGGAGGGAGRKEDWNEIDPIKKKD LHHSNGEEKAQSMETLPPGKVRWPDFNQEAYVGGTMVRSGQDPYARNKFNQVES DKLRMDRAIPDTRHDQCQRKQWRVDLPATSVVITFHNEARSALLRTVVSVLKKSP HLIKEIILVDDYSNDPEDGALLGKIEKVRVLRNDRREGLMRSRVRGADAAQAKVLTFL DSHCECNEHWLEPLLERVAEDRTRVVSPIIDVINMDNFQYVGASADLKGGFDWNLV FKWDYMTPEQRRSRQGNPVAPIKTPMIAGGLFVMDKFYFEELGKYDMMMDVWGG ENLEISFRVWQCGGSLEIIPCSRVRVGHVFRKQHPYTFPGGSGTVFARNTRRAAEVWM

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DEYKNFYAAVPSARNVPYGNISRLRLRKKLSCKPFWYLENVPELRVPDHQDIA
FGALQQGTNCLDTLGHFADGVVGVYECHNAGGNQEWALTKEKSVKHMDLCLTVVD
RAPGSLIKLQGCRENDSRQKWEQIEGNSKLRHVGSNLCLDSRTAKSGGLSVEVCGP
ALSQQWKFTLNLQQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GALNT2 polypeptide N-acetylgalactosaminyltransferase 2 [Homo sapiens (human)]

Official Symbol GALNT2

Synonyms GALNT2; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2); polypeptide N-acetylgalactosaminyltransferase 2; GalNAc T2; pp-GaNTase 2; UDP-GalNAc transferase 2; polypeptide GalNAc transferase 2; protein-UDP acetylgalactosaminyltransferase 2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2; GalNAc-T2;

Gene ID 2590

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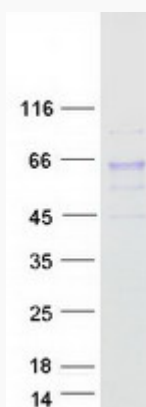
mRNA Refseq NM_004481

Protein Refseq NP_004472

MIM 602274

UniProt ID Q10471

SDS-PAGE



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