Recombinant Human GALNT13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GALNT13-6166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GALNT13 MS Standard C13 and N15-labeled recombinant protein (NP_443149) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 by the initial transfer of N-acetylgalactosamine (GalNAc) with an alpha-linkage to a serine or threonine residue.
Molecular Mass	64.1 kDa
AA Sequence	MRRFVYCKVVLATSLMWVLVDVFLLLYFSECNKCDDKKERSLLPALRAVISRNQEGP GEMGKAVLIPKDDQEKMKELFKINQFNLMASDLIALNRSLPDVRLEGCKTKVYPDEL PNTSVVIVFHNEAWSTLLRTVYSVINRSPHYLLSEVILVDDASERDFLKLTLENYVKNL EVPVKIIRMEERSGLIRARLRGAAASKGQVITFLDAHCECTLGWLEPLLARIKEDRKT VVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYPVPQREMDRRKGDRTLPVRT PTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQCGGSLEIVTCSHVGH VFRKATPYTFPGGTGHVINKNNRRLAEVWMDEFKDFFYIISPGVVKVDYGDVSVRKT LRENLKCKPFSWYLENIYPDSQIPRRYYSLGEIRNVETNQCLDNMGRKENEKVGIFN CHGMGGNQVFSYTADKEIRTDDLCLDVSRLNGPVIMLKCHHMRGNQLWEYDAERL

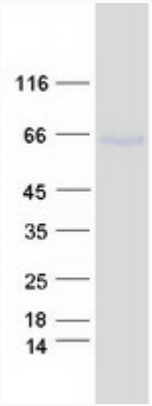
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	TLRHVNSNQCLDEPSEEDKMVPTMQDCSGSRSQQWLLRNMTLGTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	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	GALNT13 polypeptide N-acetylgalactosaminyltransferase 13 [Homo sapiens (human)]
Official Symbol	GALNT13
Synonyms	GALNT13; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13); polypeptide N-acetylgalactosaminyltransferase 13; GalNAc T13; KIAA1918; UDP N acetyl alpha D galactosamine:polypeptide N acetylgalactosaminyltransferase 13; pp-GaNTase 13; GalNAc transferase 13; polypeptide GalNAc transferase 13; protein-UDP acetylgalactosaminyltransferase 13; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 13; GalNAc-T13; FLJ16031; FLJ41157; H_NH0187G20.1; MGC119459; MGC119461; WUGSC:H_NH0187G20.1;
Gene ID	114805

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mRNA Refseq	NM_052917
Protein Refseq	NP_443149
MIM	608369
UniProt ID	Q8IUC8
SDS-PAGE	

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