

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 initiates 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

MRRFVYCKVVLATSLMWVLDVFLLLYFSECNKCDKKERSLLPALRAVISRNQEGP
 GEMGKAVLIPKDDQEKMKELFKINQFNLMASDLIALNRSRPDVRLEGCKTKVYPDEL
 PNTSVVIVFHNEAWSTLLRTVYSVINRSPHYLLSEVILVDDASERDFLKLTLINYVKNL
 EVPVKIIRMEERSGLIRARLRGAAASKGQVITFLDAHCECTLGWLEPLLARIKEDRKT
 VVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYPVPQREMDRRKGDRTLTPVRT
 PTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQC GGSLEIVTCSHVGH
 VFRKATPYTFPGGTGHVINKNNRRLAEVWMDEFKDFFYIISPGVVKVDYGDVSVRKT
 LRENLCCKPFSWYLENIYPDSQIPRRYYSLGEIRNVETNQCLDNMGRKENEKVGIFN
 CHGMGGNQVFSYTADKEIRTDLCLDVSRLNGPVIMLKCHHMRGNQLWEYDAERL

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TLRHVNSNQCLDEPSEEDKMOVPTMQDCSGSRSQQWLLRNMTLGTTRTRPLEQKLI
SEEDLAANDILDYKDDDDKV

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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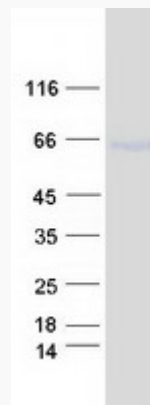
mRNA Refseq [NM_052917](#)

Protein Refseq [NP_443149](#)

MIM [608369](#)

UniProt ID [Q8IUC8](#)

SDS-PAGE



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