

Recombinant Human GALNT13 Protein, GST-tagged

Cat. No. GALNT13-4693H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GALNT13 full-length ORF (NP_443149.1, 1 a.a. - 556 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 (see MUC3A, MIM 158371) by the initial transfer of N-acetylgalactosamine (GalNAc) with an alpha-linkage to a serine or threonine residue. [supplied by OMIM]
Molecular Mass	90.4 kDa
AA Sequence	MRRSVYCKVVLATSLMWVLDVFLLLYFSECNKCDDKKERSLLPALRAVISRNQEGP GEMGKAVLIPKDDQEKMKELFKINQFNLMASDLIALNRS LPDVRLEGCKTKVYPDEL PNTSVVIVFHNEAWSTLLRTVYSVINRSPHYLLSEVILVDDASERDFLKLTL ENYVKNL EVPVKIIRMEERSGLIRARLRGAAASKGQVITFLDAHCECTLGWLEPLLARIKEDRKT VVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYPVPQREMDRRKGDRTL PVRT PTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQC GGSLEIVTCSHVGH VFRKATPYTFPGGTGHVINKNNRRLAEVWMDEFKDFFYIISPGVVKVDYGDVSVRKT LRENLKCKPFSWYLENIYPDSQIPRRYYSLGEIRNVETNQCLDNMGRKENEKVGIFN CHGMGGNQVFSYTADKEIRTDLCLDVSRLNGPVIMLKCHHMRGNQLWEYDAERL

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TLRHVNSNQCLDEPSEEDKMOVPTMQDCSGSRSQQWLLRNMTLGT

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GALNT13 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13) [Homo sapiens]

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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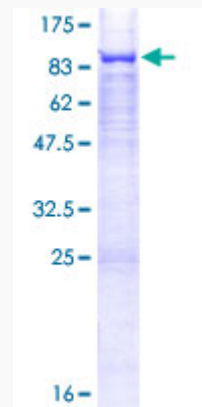
mRNA Refseq [NM_052917](#)

Protein Refseq [NP_443149](#)

MIM [608369](#)

UniProt ID [Q8IUC8](#)

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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