

Recombinant Full Length Human GALNT13 Protein, GST-tagged

Cat. No. GALNT13-5197HF **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	In Vitro Cell Free System
ProteinLength	556 amino acids
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	<p>MRRSVYCKVVLATSLMWVLDVFLLLYFSECNKCDDKKERSLLPALRAVISRNQEGP GEMGKAVLIPKDDQEKMKELFKINQFNLMASDLIALNRSLPDVRLEGCKTKVYPDEL PNTSVVIVFHNEAWSTLLRTVYSVINRSPHYLLSEVILVDDASERDFLKLTLNYYVKNL EVPVKIIRMEERSGLIRARLRGAAASKGQVITFLDAHCECTLGWLEPLLARIKEDRKT VVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYPVPQREMDRRKGDRTLTPVRT PTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQCGGSLEIVTCSHVGH VFRKATPYTFFGGTGHVINKNNRRLAEVWMDEFKDFFYIISPGVVKVDYGDVSVRKT</p>

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LRENLKCKPFSWYLENIYPDSQIPRRYYSLGEIRNVETNQCLDNMGRKENEKVGIFN
 CHGMGGNQVFSYTADKEIRTDLCLDVSRLNGPVIMLKCHHMRGNQLWEYDAERL
 TLRHVNSNQCLDEPSEEDKMVPTMQDCSGSRSQQWLLRNMTLGT

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;

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Gene ID	114805
mRNA Refseq	NM_052917
Protein Refseq	NP_443149
MIM	608369
UniProt ID	Q8IUC8

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