

## Recombinant Human GALNT13 Protein, GST-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GALNT13 full-length ORF ( NP_443149.1, 1 a.a. - 556 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | 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]                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 90.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MRRSVYCKVVLATSLMWVLVDVFLLLYFSECNKCDDKKERSLLPALRAVISRNQEGP<br>GEMGKAVLIPKDDQEKMKELFKINQFNLMASDLIALNRS LPDVRLEGCKTKVYPDEL<br>PNTSVVIVFHNEAWSTLLRTVYSVINRSPHYLLSEVILVDDASERDFLKLTLNYYVKNL<br>EVPVKIIRMEERSGLIRARLRGAAASKGQVITFLDAHCECTLGWLEPLLARIKEDRKT<br>VVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYPVPQREMDRRKGDRTLTPVRT<br>PTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQC GGSLEIVTCSHVGH<br>VFRKATPYTFPGGTGHVINKNNRRLAEVWMDEFKDFFYIISPGVVKVDYGDVSVRKT<br>LRENLKCKPFSWYLENIYPDSQIPRRYYSLGEIRNVETNQCLDNMGRKENEKVGIFN<br>CHGMGGNQVFSYTADKEIRTDCLDVSRLNGPVIMLKCHHMRGNQLWEYDAERL |

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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;

#### Gene ID

**114805**

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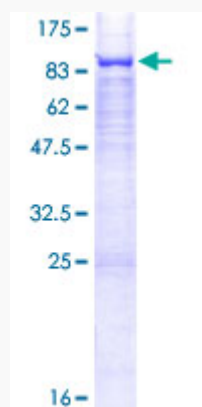
**mRNA Refseq** NM\_052917

**Protein Refseq** NP\_443149

**MIM** 608369

**UniProt ID** Q8IUC8

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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