

## Recombinant Human GALNT14 Protein, GST-tagged

Cat. No. GALNT14-4695H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Human GALNT14 full-length ORF ( NP\_078848.2, 1 a.a. - 552 a.a.) recombinant protein with GST-tag at N-terminal.

**Species** Human

**Source** Wheat Germ

**Description** GALNT14 (EC 2.4.1.41) belongs to a large subfamily of glycosyltransferases residing in the Golgi apparatus. GALNT enzymes catalyze the first step in the O-glycosylation of mammalian proteins by transferring N-acetyl-D-galactosamine (GalNAc) to peptide substrates.[supplied by OMIM

**Molecular Mass** 90.7 kDa

**AA Sequence**

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MRRLTRRLVLPVFGVLWITVLLFFWVTKRKLEVPTGPEVQTPKPSDADWDDLWDQF
DERRYLNAKKWRVGGDPYKLYAFNQRESERISSNRAIPDTRHLRCTLVYCTDLPPT
SIITFHNEARSTLLRTIRSVLNRTPTHLIREIILVDDFSNDPDDCKQLIKLPVKCLRNN
ERQGLVRSRIRGADIAQGTTLFLDSHCEVNRDWLQPLLHRVKEDYTRVVCPVIDIIN
LDTFTYIESASELRGGFDWSLHFQWEQLSPEQKARRLDPTPIRTPIIAGGLFVIDKA
WFDYLGKYDMDMDIWGGENFEISFRVWMCGGSLEIVPCSRVGHVFRKKHPYVFPD
GNANTYIKNTKRTAEVWMDEYKQYAAARPFALERPFGNVESRLDLRKNLRCQSFK
WYLENIYPELSIPKESSIQKGNIRQRQKCLESQRQNNQETPNLKLSPCAKVKGEDAK
SQVWAFTYTQQILQEELCLSVITLFPVAPVVLVLCCKNGDDRQQWTKTGSHIEHIASHL
CLDTRMFGDGTENGKEIVVNPCESSLMSQHWDMVSS
    
```

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">GALNT14 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 (GalNAc-T14) [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">GALNT14</a>
<b>Synonyms</b>	GALNT14; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 (GalNAc-T14); polypeptide N-acetylgalactosaminyltransferase 14; FLJ12691; GalNAc T10; GalNAc T14; pp-GaNTase 14; polypeptide GalNAc transferase 14; protein-UDP acetylgalactosaminyltransferase 14; polypeptide N-acetylgalactosaminyltransferase 15; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 14; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T10; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T14; GALNT15; GalNAc-T10; GalNAc-T14; FLJ13977;
<b>Gene ID</b>	<a href="#">79623</a>
<b>mRNA Refseq</b>	<a href="#">NM_001253826</a>

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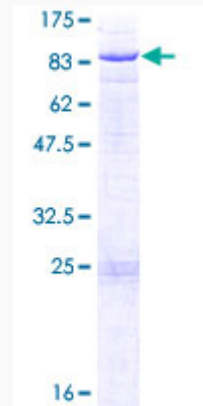
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**Protein Refseq** NP\_001240755

**MIM** 608225

**UniProt ID** Q96FL9

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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