

# Recombinant Full Length Human GALNT14 Protein, GST-tagged

**Cat. No.** GALNT14-5198HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GALNT14 full-length ORF ( NP_078848.2, 1 a.a. - 552 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	552 amino acids
<b>Description</b>	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
<b>Molecular Mass</b>	90.7 kDa
<b>AA Sequence</b>	<p>MRRLTRRLVLPVFGVLWITVLLFFWVTKRKLEVPTGPEVQTPKPSDADWDDLWDQF  DERRYLNAKKWRVGGDDPYKLYAFNQRESERISSNRAIPDTRHLRCTLLVYCTDLPPT  SIIITFHNEARSTLLRTIRSVLNRTPTHLIREIILVDDFSNDPDDCKQLIKLPVKCLRNN  ERQGLVRSRIRGADIAQGTTLTFLDSHCEVNRDWLQPLLHRVKEDYTRVVCPVIDIIN  LDTFTYIESASELRGGFDWSLHFQWEQLSPEQKARRLDPTTEPIRTPIIAGGLFVIDKA  WFDYLGKYDMDMDIWGGGENFEISFRVWMCSSLEIVPCSRVGHVFRKKHPYVFPD  GNANTYIKNTKRTAEVWMDEYKQYYAARPFALERPFGNVESRLDLRKNLRCQSFK  WYLENIYPELSIPKESSIQKGNIRQRQKCLESQRQNNQETPNLKLSPCAKVKGEDAK</p>

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SQVWAFTYTQQILQEELCLSVITLFPGAPVVLVLCKNGDDRQQWTKTGSHEHIASHL  
CLDTDMFGDGTENGKEIVVNPCESSLMSQHWDMVSS

<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.

## GENE INFORMATION

<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;

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Gene ID	79623
mRNA Refseq	NM_001253826
Protein Refseq	NP_001240755
MIM	608225
UniProt ID	Q96FL9

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