

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	MMRLTRRLVLPVFGVLWITVLLFFWVTKRKLEVPTGPEVQTPKPSDADWDDLWDQF DERRYLNAAKWRVGDDPYKLYAFNQRESERISSNRAIPDTRHLRCTLVYCTDLPTT SIITFHNEARSTLLRTIRSVLNRTPTHLIREIILVDDFSNDPDDCKQLIKLPKVKCLRNN ERQGLVRSRIRGADIAQGTTLTFLDSHCEVNRDWLQPLLHRVKEDYTRVVCVIDIIN LDTFTYIESASELRGGFDWSLHFQWEQLSPEQKARRLDPTPIRTPIIAGGLFVIDKA WFDYLGKYDMDMDIWGGGENFEISFRVWMCGGSLEIVPCSRVGHVFRKKHPYVFPD GNANTYIKNTKRTAEVWMDEYKQYAAARPFALERPFNGVESRLDLRKNLRCQSFK WYLENIYPELSIPKESSIQKGNIRQRQKCLESQRQNNQETPNLKLSPCAKVKGEDAK SQVWAFTYTQQILQEELCLSVITLFPVAPVVLVLCKNGDDRQQTGSHIEHIAHL CLDTDMFGDGTENGKEIVVNPCESSLMSQHWDMVSS

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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	GALNT14 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 (GalNAc-T14) [Homo sapiens]
Official Symbol	GALNT14
Synonyms	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;
Gene ID	79623
mRNA Refseq	NM_001253826

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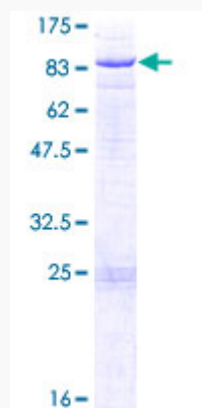
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Protein Refseq NP_001240755

MIM 608225

UniProt ID Q96FL9

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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