

Recombinant Full Length Human GALNT14 Protein, GST-tagged

Cat. No. GALNT14-5198HF **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	In Vitro Cell Free System
ProteinLength	552 amino acids
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	MRRLTRRLVLPVFGVLWITVLLFFWVTKRKLEVPTGPEVQTPKPSDADWDDLWDQF DERRYLNAAKKWRVGDDPYKLYAFNQRESERISSNRAIPDTRHLRCTLVYCTDLPPT SIIITFHNEARSTLLRTIRSVLNRTPTHLIREIILVDDFSNDPDDCKQLIKLPVKCLRNN ERQGLVRSRIRGADIAQGTTLTFLDSHCEVNRDWLQPLLHRVKEDYTRVVCVIDIIN LDTFTYIESASELRGGFDWSLHFQWEQLSPEQKARRLDPTPIRTPIIAGGLFVIDKA WFDYLGKYDMDMDIWGGGENFEISFRVWMCSSLEIVPCSRVGHVFRKKHPYVFPD GNANTYIKNTKRTAEVWMDEYKQYYYAARPFALERPFGNVESRLDLRKNLRCQSFK WYLENIYPELSIPKESSIQKGNIRQRQKCLESQRQNNQETPNLKLSPCAVKGEDAK

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SQVWAFTYTQQILQEELCLSVITLFPGAPVVLVLCKNGDDRQQWTKTGSHEHIAHL
CLDTDMFGDGTENGKEIVVNPCESSLMSQHWD MVSS

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;

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

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