



# Recombinant Human Polypeptide N-acetylgalactosaminyltransferase 14 (GALNT14)

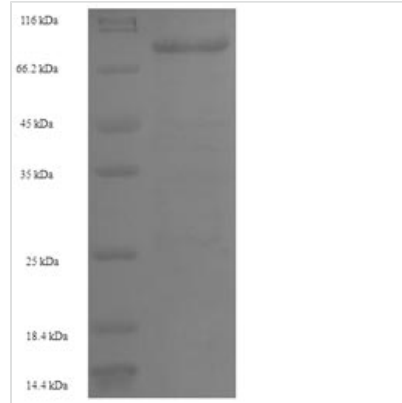
<b>Product Code</b>	CSB-EP836212HU
<b>Relevance</b>	Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Displays activity toward mucin-derived peptide substrates such as Muc2, Muc5AC, Muc7, and Muc13 (-58). May be involved in O-glycosylation in kidney.
<b>Abbreviation</b>	Recombinant Human GALNT14 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q96FL9
<b>Alias</b>	Polypeptide GalNAc transferase 14 ;GalNAc-T14 ;pp-GaNTase 14Protein-UDP acetylgalactosaminyltransferase 14UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 14
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MRRLTRRLVLPVFGVLWITVLLFFWVTKRKLEVPTGPEVQTPKPSDADWDDL WDQFDERRYLNAKKWRVGDOPYKLYAFNQRESERISSNRAIPDTRHLRCTL VYCTDLPPTSIITFHNEARSTLLRTIRSVLNRTPTHLIREIILVDDFSNDPDDCKQ LIKLPKVKCLRNNERQGLVRSRIRGADIAQGTTLTFLDSHCEVNRDWLQPLLHR VKEDYTRVVCVIDIINLDTFTYIESASELRGGFDWSLHFQWEQLSPEQKARRL DPTEPIRTPIIAGGLFVIDKAWFDYLGKYDMDMDIWWGGENFEISFRVWMC GGSLEIVPCSRVGHVFRKKHPYVFPDGNANTYIKNTRKRTAEVWMDEYKQY YAAARPFALERPFGNVESRLDLRKNLRCQSFKWYLENIYPELSIPKESSIQK GNIRQRQKCLESRQNNQETPNLKLSPCAKVKGEDAKSQVWAFTYTQQILQEEL CLSVITLFPGAPVVLVLCKNGDDRQWTKTGSHIEHIASHLCLDMDMFGDGTENG KEIVVNPCESSLMSQHWDMVSS
<b>Research Area</b>	Metabolism
<b>Source</b>	E.coli
<b>Target Names</b>	GALNT14
<b>Expression Region</b>	1-552aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged



**Mol. Weight** 80.3kDa

**Protein Length** Full Length

**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

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