

Recombinant Human GALNT14 Protein, GST-His-tagged

Cat. No. GALNT14-233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALNT14 fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a Golgi protein which is a member of the polypeptide N-acetylgalactosaminyltransferase (ppGalNAc-Ts) protein family. These enzymes catalyze the transfer of N-acetyl-D-galactosamine (GalNAc) to the hydroxyl groups on serines and threonines in target peptides. The encoded protein has been shown to transfer GalNAc to large proteins like mucins. Alterations in this gene may play a role in cancer progression and response to chemotherapy.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	92.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	GALNT14 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-
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	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
Protein Refseq	NP_001240755
MIM	608225
UniProt ID	Q96FL9