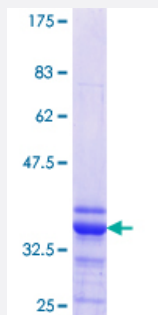


GALNT14 (Human) Recombinant Protein (Q01)

Catalog # H00079623-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GALNT14 partial ORF (NP_078848.2, 494 a.a. - 551 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KNGDDRQQWTKTGSIEHIAASHLCCLDTDMFGDGTENGKEIVNPCESSLMSQHWDMVS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.12
Interspecies Antigen Sequence	Mouse (91); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GALNT14

Entrez GeneID	79623
GeneBank Accession#	NM_024572
Protein Accession#	NP_078848.2
Gene Name	GALNT14
Gene Alias	FLJ12691, FLJ13977, GALNT15, GalNac-T10, GalNac-T14
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 (GalNAc-T14)
Omim ID	608225
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T10 UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T14 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 polypeptide N-acetylgalactosaminyltransferase 15

Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)

Disease

- [Tobacco Use Disorder](#)