

Recombinant Human GALNT10 Protein, GST-tagged

Cat. No. GALNT10-4691H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GALNT10 partial ORF (NP_938080, 503 a.a. - 602 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene belongs to the polypeptide N-acetylgalactosaminyltransferase (pp-GalNAc-T) gene family. Polypeptide GalNAc transferases initiate the synthesis of mucin-type oligosaccharides by transferring GalNAc from UDP-GalNAc to the hydroxyl group of either a serine or threonine residue on the polypeptide acceptor. Following expression in insect cells, recombinant GalNAc transferase 10 showed significant GalNAcT activity toward mucin-derived peptides, and it utilized both nonglycosylated and glycosylated peptide substrates. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]
Molecular Mass	36.74 kDa
AA Sequence	FTFTWREDIRPGDPQHTKKFCFDAISHTSPVTLYDCHSMKGNQLWKYRKDKTLYHP VSGSCMDCESDHRIFMNTCNPSSLTQQWLFHTNSTVLEKFNR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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

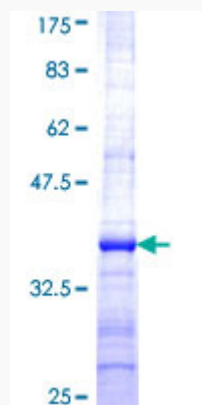
Gene Name	GALNT10 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 10 (GalNAc-T10) [Homo sapiens]
Official Symbol	GALNT10
Synonyms	GALNACT10; PPGALNACT10; PPGANTASE10
Gene ID	55568
mRNA Refseq	NM_198321
Protein Refseq	NP_938080
MIM	608043
UniProt ID	Q86SR1

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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