

Product datasheet for **TP727964**

GALNT7 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human N-Acetylgalactosaminyltransferase 7/GALNT7 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Pro30-Val657
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 50mM TrisHCl, 10mM reduced Glutathione, pH 8.0.
Note:	Recombinant Human N-acetylgalactosaminyltransferase 7 is produced by our Mammalian expression system and the target gene encoding Pro30-Val657 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	51809
UniProt ID:	Q86SF2
Synonyms:	PolypeptideGalNAc-transferase7;Protein-UDP acetylgalactosaminyltransferase7;UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 7; GALNT7.
Summary:	N-acetylgalactosaminyltransferase 7(GALNT7) is expressed in uterus, retina, kidney, small intestine, omentum, stomach and CNS.It belongs to the glycosyltransferase 2 family and galNAc-T subfamily. The enzyme encoded by this gene controls the initiation step of mucin-type O-linked protein glycosylation and transfer of N-acetylgalactosamine to serine and threonine amino acid residues. This enzyme is a type II transmembrane protein and shares common sequence motifs with other family members. This protein may function as a follow-up enzyme in the initiation step of O-glycosylation.
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, O-Glycan biosynthesis



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