Recombinant Human GALNT9 Protein, His-tagged

Cat. No. GALNT9-1254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GALNT9 protein, fused to His tag at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a lumenal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. This gene is expressed specifically in the brain, with highest expression in the cerebellum. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	27 kDa
Purity	>50 ug/mL as determined by microplate BCA method

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Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	GALNT9 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 9 (GalNAc-T9) [Homo sapiens]
Official Symbol	GALNT9
Synonyms	GALNAC-T9; GALNACT9
Gene ID	50614
mRNA Refseq	NM_001122636
Protein Refseq	NP_001116108
MIM	606251
UniProt ID	Q9HCQ5

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