

Recombinant Mouse Galnt1 Protein, Myc/DDK-tagged

Cat. No. Galnt1-3141M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polypeptide N-acetylgalactosaminyltransferase 1 (Galnt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Has a broad spectrum of substrates for peptides such as EA2, Muc5AC, Muc1a, Muc1b and Muc7.
Molecular Mass	64.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Galnt1 polypeptide N-acetylgalactosaminyltransferase 1 [Mus musculus (house mouse)]
Official Symbol	Galnt1
Synonyms	GALNT1; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1; polypeptide N-acetylgalactosaminyltransferase 1; galNAc-T1; pp-GaNTase 1; ppGaNTase-T1; polypeptide GalNAc transferase 1; protein-UDP acetylgalactosaminyltransferase 1; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 1
Gene ID	14423
mRNA Refseq	NM_001160404
Protein Refseq	NP_001153876
UniProt ID	O08912

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