

Recombinant Mouse Galnt6 Protein, Myc/DDK-tagged

Cat. No. Galnt6-3144M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polypeptide N-acetylgalactosaminyltransferase 6 (Galnt6), 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. May participate in synthesis of oncofetal fibronectin. Has activity toward Muc1a, Muc2, EA2 and fibronectin peptides.
Molecular Mass	71.5 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	Galnt6 polypeptide N-acetylgalactosaminyltransferase 6 [Mus musculus (house mouse)]
Official Symbol	Galnt6
Synonyms	Galnt6; polypeptide N-acetylgalactosaminyltransferase 6; GalNA; AW047994; GalNAc-T6; 4632410F13; polypeptide N-acetylgalactosaminyltransferase 6; N-acetylgalactosaminyltransferase T-6; Protein-UDP acetylgalactosaminyltransferase 6; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 6; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6; polypeptide GalNAc transferase 6; pp-GaNTase 6; EC 2.4.1.41
Gene ID	207839
mRNA Refseq	NM_001161767
Protein Refseq	NP_001155239
UniProt ID	Q8C7U7

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