

Recombinant Mouse Galnt13 Protein, Myc/DDK-tagged

Cat. No. Galnt13-3142M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polypeptide N-acetylgalactosaminyltransferase 13 (Galnt13), 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 much stronger activity than GALNT1 to transfer GalNAc to mucin peptides, such as Muc5Ac and Muc7. Able to glycosylate SDC3. Probably responsible for the synthesis of Tn antigen in neuronal cells.
Molecular Mass	64.4 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Galnt13 polypeptide N-acetylgalactosaminyltransferase 13 [Mus musculus (house mouse)]

Official Symbol Galnt13

Synonyms GALNT13; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13; polypeptide N-acetylgalactosaminyltransferase 13; galNAc-T13; pp-GaNTase 13; pp-GalNAc-T13; polypeptide GalNAc transferase 13; protein-UDP acetylgalactosaminyltransferase 13; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 13; BB182356; A230002A12; A230020F20

Gene ID 271786

mRNA Refseq NM_173030

Protein Refseq NP_766618

UniProt ID Q8CF93

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