Recombinant Mouse B3gnt2 Protein, Myc/DDK-tagged

Cat. No. B3gnt2-1803M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 (B3gnt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Beta-1,3-N-acetylglucosaminyltransferase involved in the synthesis of poly-N-acetyllactosamine. Catalyzes the initiation and elongation of poly-N-acetyllactosamine chains. Probably constitutes the main polylactosamine synthase.
Molecular Mass	45.9 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	B3gnt2 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 [Mus musculus (house mouse)]
Official Symbol	B3gnt2
Synonyms	B3GNT2; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2; beta3Gn-T1; beta3Gn-T2; beta-1,3-Gn-T1; beta-1,3-Gn-T2; beta-1,3-N-acetylglucosaminyltransferase 1; beta-1,3-N-acetylglucosaminyltransferase 2; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1; UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 6; BGnT1; BGnT2; B3gnt1; BGnT-1; BGnT-2; B3Galt6; AA408337; AA409404; AW260308; Beta3gnt
Gene ID	53625
mRNA Refseq	NM_001169114
Protein Refseq	NP_001162585
UniProt ID	Q9Z222

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