

## Recombinant Mouse B3gnt2 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Beta-1,3-N-acetylglucosaminyltransferase involved in the synthesis of poly-N-acetylglucosamine. Catalyzes the initiation and elongation of poly-N-acetylglucosamine chains. Probably constitutes the main polyglucosamine synthase.
<b>Molecular Mass</b>	45.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	B3gnt2 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	B3gnt2
<b>Synonyms</b>	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
<b>Gene ID</b>	53625
<b>mRNA Refseq</b>	NM_001169114
<b>Protein Refseq</b>	NP_001162585
<b>UniProt ID</b>	Q9Z222

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