

## Recombinant Mouse B3glct Protein, Myc/DDK-tagged

Cat. No. B3glct-1802M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length beta-3-glucosyltransferase (B3glct), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	O-glucosyltransferase that transfers glucose toward fucose with a beta-1,3 linkage. Specifically glucosylates O-linked fucosylglycan on TSP type-1 domains of proteins, thereby contributing to elongation of O-fucosylglycan.
<b>Molecular Mass</b>	55.8 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.

### GENE INFORMATION

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<b>Gene Name</b>	B3glct beta-3-glucosyltransferase [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	B3glct
<b>Synonyms</b>	B3glct; beta-3-glucosyltransferase; B3ga; Gm1057; B3galtI; beta3Glc-T; beta-1,3-glucosyltransferase; beta 1,3-galactosyltransferase-like; beta-3-glycosyltransferase-like; EC 2.4.1.122
<b>Gene ID</b>	381694
<b>mRNA Refseq</b>	NM_001081204
<b>Protein Refseq</b>	NP_001074673
<b>UniProt ID</b>	Q8BHT6

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