Recombinant Mouse B3glct Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length beta-3-glucosyltransferase (B3glct), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	55.8 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.

GENE INFORMATION

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Gene Name	B3glct beta-3-glucosyltransferase [Mus musculus (house mouse)]
Official Symbol	B3glct
Synonyms	B3glct; beta-3-glucosyltransferase; B3ga; Gm1057; B3galtl; beta3Glc-T; beta-1,3-glucosyltransferase; beta 1,3-galactosyltransferase-like; beta-3-glycosyltransferase-like; EC 2.4.1.122
Gene ID	381694
mRNA Refseq	NM_001081204
Protein Refseq	NP_001074673
UniProt ID	Q8BHT6

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