Recombinant Mouse Gcnt2 Protein, Myc/DDK-tagged

Cat. No. Gcnt2-3176M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (Gcnt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Branching enzyme that converts linear into branched poly-N-acetyllactosaminoglycans. Introduces the blood group I antigen during embryonic development. It is closely associated with the development and maturation of erythroid cells.
Molecular Mass	46 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	Gcnt2 glucosaminyl (N-acetyl) transferase 2, I-branching enzyme [Mus musculus (house mouse)]
Official Symbol	Gcnt2
Synonyms	Gcnt2; glucosaminyl (N-acetyl) transferase 2, I-branching enzyme; IG; IGn; IGnT; IGnTA; IGnTB; IGnTC; 5330430K10Rik; N-acetyllactosaminide beta-1,6-N-acetylglucosaminyl-transferase; I-branching enzyme; N-acetylglucosaminyltransferase; beta-1,6-N-acetylglucosaminyltransferase; glucosaminyltransferase, I-branching enzyme; large I antigen-forming beta-1,6-N-acetylglucosaminyltransferase; EC 2.4.1.150
Gene ID	14538
mRNA Refseq	NM_133219
Protein Refseq	NP_573482
UniProt ID	Q7TPQ8

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