

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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