

Recombinant Mouse Gbe1 Protein, Myc/DDK-tagged

Cat. No. Gbe1-3167M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glucan (1,4-alpha-), branching enzyme 1 (Gbe1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for normal glycogen accumulation. The alpha 1-6 branches of glycogen play an important role in increasing the solubility of the molecule.
Molecular Mass	80.4 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	Gbe1 glucan (1,4-alpha-), branching enzyme 1 [Mus musculus (house mouse)]
Official Symbol	Gbe1
Synonyms	GBE1; glucan (1,4-alpha-), branching enzyme 1; 1,4-alpha-glucan-branching enzyme; brancher enzyme; glycogen-branching enzyme; D16Ertd536e; 2310045H19Rik; 2810426P10Rik
Gene ID	74185
mRNA Refseq	NM_028803
Protein Refseq	NP_083079
UniProt ID	Q9D6Y9

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