

## Recombinant Mouse Gbe1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Required for normal glycogen accumulation. The alpha 1-6 branches of glycogen play an important role in increasing the solubility of the molecule.
<b>Molecular Mass</b>	80.4 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>	Gbe1 glucan (1,4-alpha-), branching enzyme 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Gbe1
<b>Synonyms</b>	GBE1; glucan (1,4-alpha-), branching enzyme 1; 1,4-alpha-glucan-branching enzyme; brancher enzyme; glycogen-branching enzyme; D16Erttd536e; 2310045H19Rik; 2810426P10Rik
<b>Gene ID</b>	74185
<b>mRNA Refseq</b>	NM_028803
<b>Protein Refseq</b>	NP_083079
<b>UniProt ID</b>	Q9D6Y9

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