

Recombinant Mouse Pmm1 Protein, Myc/DDK-tagged

Cat. No. Pmm1-4955M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphomannomutase 1 (cDNA clone MGC:11610 IMAGE:3153981), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions. In addition, may be responsible for the degradation of glucose-1,6-bisphosphate in ischemic brain.
Molecular Mass	23.1 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	Pmm1 phosphomannomutase 1 [Mus musculus (house mouse)]
Official Symbol	Pmm1
Synonyms	PMM1; phosphomannomutase 1; PMM 1; Secp53 homolog; phosphomannomutase Sec53p homolog mRNA; C77612
Gene ID	29858
mRNA Refseq	NM_013872
Protein Refseq	NP_038900
UniProt ID	O35621

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