Recombinant Mouse Pemt Protein, Myc/DDK-tagged

Cat. No. Pemt-4792M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphatidylethanolamine N-methyltransferase (Pemt), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the three sequential steps of the methylation pathway of phosphatidylcholine biosynthesis, the SAM-dependent methylation of phosphatidylethanolamine (PE) to phosphatidylmonomethylethanolamine (PMME), PMME to phosphatidyldimethylethanolamine (PDME), and PDME to phosphatidylcholine (PC).
Molecular Mass	22.6 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	Pemt phosphatidylethanolamine N-methyltransferase [Mus musculus (house mouse)]
Official Symbol	Pemt
Synonyms	Pemt; phosphatidylethanolamine N-methyltransferase; Pem; PLMT; Pemp; PEAMT; PEMT2; Pempt; D9Mgi2; Pempt2; phosphatidylethanolamine N-methyltransferase; phospholipid methyltransferase; EC 2.1.1.17; EC 2.1.1.71
Gene ID	18618
mRNA Refseq	NM_008819
Protein Refseq	NP_032845
UniProt ID	Q61907

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