

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 phosphatidyl dimethylethanolamine (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](#); [D9Mgj2](#); [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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