

Recombinant Mouse Prmt9 Protein, MYC/DDK-tagged

Cat. No. Prmt9-204M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse protein arginine methyltransferase 9 (Prmt9), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and symmetrical dimethylarginine (SDMA). Specifically mediates the symmetrical dimethylation of SF3B2. Involved in the regulation of alternative splicing of pre-mRNA.
Molecular Mass	94.7 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 ug/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	Prmt9 protein arginine methyltransferase 9 [Mus musculus (house mouse)]
Official Symbol	Prmt9
Synonyms	Prmt9; protein arginine methyltransferase 9; Prmt10; AI931714; protein arginine N-methyltransferase 9; protein arginine N-methyltransferase 10; protein arginine methyltransferase 10 (putative); putative protein arginine N-methyltransferase 10; putative protein arginine N-methyltransferase 9; EC 2.1.1.320
Gene ID	102182
mRNA Refseq	NM_001081240
Protein Refseq	NP_001074709
UniProt ID	Q3U3W5

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