

Recombinant Mouse Prmt8 Protein, Myc/DDK-tagged

Cat. No. Prmt8-5136M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein arginine N-methyltransferase 8 (Prmt8), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	S-adenosyl-L-methionine-dependent and membrane-associated arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and asymmetrical dimethylarginine (aDMA) in proteins such as NIFK, myelin basic protein, histone H4, H2A and H2A/H2B dimer. Able to mono- and dimethylate EWS protein; however its precise role toward EWS remains unclear as it still interacts with fully methylated EWS.
Molecular Mass	45.7 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 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Prmt8 protein arginine N-methyltransferase 8 [*Mus musculus* (house mouse)]

Official Symbol Prmt8

Synonyms PRMT8; protein arginine N-methyltransferase 8; HMT1 hnRNP methyltransferase-like 3; protein arginine N-methyltransferase 4; heterogeneous nuclear ribonucleoprotein methyltransferase-like 4; heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 4; Hrmt1I3; Hrmt1I4

Gene ID 381813

mRNA Refseq NM_201371

Protein Refseq NP_958759

UniProt ID Q6PAK3

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