

Recombinant Full Length Mouse Prmt5 Protein, Myc/DDK-tagged

Cat. No. Prmt5-5133M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein arginine N-methyltransferase 5 (Prmt5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes an enzyme that belongs to the methyltransferase family. The encoded protein catalyzes the transfer of methyl groups to the amino acid arginine, in target proteins that include histones, transcriptional elongation factors and the tumor suppressor p53. This gene plays a role in several cellular processes, including transcriptional regulation and the assembly of small nuclear ribonucleoproteins. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	72.7 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 Prmt5 protein arginine N-methyltransferase 5 [*Mus musculus* (house mouse)]

Official Symbol Prmt5

Synonyms PRMT5; protein arginine N-methyltransferase 5; SKB1 homolog; Jak-binding protein 1; shk1 kinase-binding protein 1 homolog; histone-arginine N-methyltransferase PRMT5; Jbp1; Skb1

Gene ID 27374

mRNA Refseq NM_013768

Protein Refseq NP_038796

UniProt ID Q8CIG8

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