

## Product datasheet for TP515824

### Prmt9 (NM\_001081240) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein arginine methyltransferase 9 (Prmt9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215824 representing NM_001081240 Red=Cloning site Green=Tags(s)

MPNSRPRRRGAGGGAGAAGRDRDLVARSLQSAEHCLGDQDFGTAYAHYLLVLSLAPELKDDVKETFQYTL  
FKWAEELHALSRIQDLLGCYEQALELFPDDEVICNSMGEHLFRMGFRDEAAGYFHKAVKLNPDFNDAKEN  
FYRVANWLVERWHFIMLNDTRRNMVYNAAIQKAVCLGSRVLDIGTGTGILSMFAKKAGAQSUYACELSK  
TMYELACDVVAANKMENGIKLLHMKSLDIEIPKHIPERSLVVTETVDAGVFGEGIVESLIHAWEHLQLLQ  
PKTKEENGNGCKYGVIPAGAVIFGMAVECAEIRRHRVGAKEIHLPTNVKQSPAYTSVDTEETVE  
PYTTEKMSGIPGGYLPLTECFQIMKVFNNLQELKSLATKKPHSLNVPAIKEGVLDAIMVWFVLQLDDEY  
SLSTSPSEETCWEQAVYPVQALEDYCIQPGDRVTMEASCHDCYLRIQGISILHLEHEMEVMKGFKSKDL  
LSLGNEAELCSALANLQTSRPEALEQTCMLEPTEIALLNNIPYHEGFKTAMRKVLSSLAPPELLWQPMETH  
CQYMEMNSGSGQSDAAPSTADPFYVLDVSEGFSLPILAGTLGHVKPYSSVEKDQHCIALDLIAEANHFP  
KETLEFWLRHIEDEAAVLQRPKSDKLWSIIILDVIEPSGLIQELMEKAAISRLLQSGGKIFPQYVLMF  
GMLVESQTLVEESAVQGTEHTLGLNIAPFINQFQVPIRVCLDLSSLPCVPLSQVELLRDLMTPLYNTS  
NKEVKVRVCRSGRVTAVPFWFHLCLDDEVRLDTSGEASHWKQAAVLDNPIQVQAGEELVLSVEHHKSNV  
SIAVKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	94.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001074709</a>
<b>Locus ID:</b>	102182
<b>UniProt ID:</b>	<a href="#">Q3U3W5</a> , <a href="#">F8WIU7</a>
<b>RefSeq Size:</b>	2781
<b>Cytogenetics:</b>	8 C1
<b>RefSeq ORF:</b>	2538
<b>Synonyms:</b>	AI931714; Prmt10
<b>Summary:</b>	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.[UniProtKB/Swiss-Prot Function]