

Product datasheet for **TP505920**

Prmt8 (NM_201371) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein arginine N-methyltransferase 8 (Prmt8), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205920 representing NM_201371 Red=Cloning site Green=Tags(s)

MGMKHSSRCLLLRRKMAENAVESTEVSAPPQPPQPVIPAKPVQCVHHVSTQPSCPGRGKMSKLLNPEEM
TSRDYYFDSYAHFGIHEEMLKDEVRTLTYRNSMYHNKHVFKDKVLDVGSMTGILSMFAAKAGAKKVFGI
ECSSISDYSEKIIKANHLDNVITIFKGKVEEVELPVEKVDIIISEWMGYCLFYESMLNTVIFARDKWLKP
GGLMFPDRAALYVVAIEDRQYKDFKIHWWENVYGFDMTCIRDVAMKEPLVDIVDPKQVVTNACLIIKVDI
YTVKTEELSFTSAFCLQIRNDYVHALVTYFNIEFTKCHKKMGFSTAPDAPYTHWKQTVFYLEDYLTVRR
GEEIYGTISMKPNNAKNVRDLDFTVDLDFKGLCETSVSNDYKMR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	45.7 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.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_958759
Locus ID:	381813
UniProt ID:	Q6PAK3



[View online »](#)

RefSeq Size: 2413

Cytogenetics: 6 F3

RefSeq ORF: 1182

Synonyms: Hrmt113; Hrmt114

Summary: 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.
[UniProtKB/Swiss-Prot Function]