

## Product datasheet for TP507439

### Rnmt (NM\_026440) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RNA (guanine-7-) methyltransferase (Rnmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207439 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEGSAKASVASDPESPPGGNEPAAASGQRLPENTPPCQQVDQPKMQKEFGEDLVEQNSSVYQDSPSKKRRK  
LDVEIILEEKHSEDDGGSARKSKLERGDVSEDEPSLGRNLQTKRKLQPDDEVPQKLQKLEEGHSSAVAA  
HYNELQEVGLAKRSQSRIFYLRNFNNWIKSILIGEILEKVRQRKTRDITVLDLGCCKGGDLLKWRKGRIS  
RLVCADIADISMKQCQQRVEDMRCRRDNEHIFSAEFITADCSKELLVEKFRDPEMYFDVCSCQFACHYSF  
ESQVQADTMLRNACGRLNPGGYFIGTTPNSFELIRRLEASETESFGNEIYTVKFQKKGNYPFLGCKYDFN  
LEGVVDVPEFLVYFPLLTEMAKKYNMKLIYKKTFLFYEKIKNNENKMLLKRMQALEQYPAHENSCLAS  
EKVGDYTHAAEYLKKSQVRLPLGLTSLKSEWEATSIIYLVFAFEKQQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	53.3 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:	<u><a href="#">NP_080716</a></u>
Locus ID:	67897



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UniProt ID:	<u>Q9D0L8</u>
RefSeq Size:	5018
Cytogenetics:	18 E2
RefSeq ORF:	1398
Synonyms:	2610002P10Rik; AI848273; mKIAA0398; Rg7mt1
Summary:	Catalytic subunit of the mRNA-capping methyltransferase RNMT:RAMAC complex that methylates the N7 position of the added guanosine to the 5'-cap structure of mRNAs. Binds RNA containing 5'-terminal GpppC.[UniProtKB/Swiss-Prot Function]