

## Product datasheet for **TP517372**

### **Mrm1 (NM\_145433) Mouse Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mitochondrial rRNA methyltransferase 1 (Mrm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217372 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRRLWTVGCFSRLIARHFSSVARRGERPGGEELSRLLDDLAPAQRLERLFGLSPELLALRAARRRVARL  
LLQAGKAGLQGERAELLRVAEARGIPVLRPRRQKLDALCGYQVHQGVCMEVSPLRPRPCDEAADTSSGDD  
PQQLWLVLLEGLQDPRNLGAVMRSAHFLGVDRVITSQRNSCPLTPVSKASAGAMEVMDVFATPDLPGFLQ  
AKAQQGWLVVGTGCPGPEISQSSKVPITSCLEFVWDRPTLLVLGSEGSGLSQEVFASCQLLLTILPRRH  
LPPGLESLNVSATGILLHSICSQKKGFPVQERGQLLQDS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	34.8 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:	<a href="#">NP_663408</a>
Locus ID:	217038
UniProt ID:	<a href="#">Q99J25</a>



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RefSeq Size: 2490

Cytogenetics: 11 C

RefSeq ORF: 963

Synonyms: A530065E19Rik; ENSMUSG00000054212

**Summary:** S-adenosyl-L-methionine-dependent 2'-O-ribose methyltransferase that catalyzes the formation of 2'-O-methylguanosine at position 1145 (Gm1145) in the 16S mitochondrial large subunit ribosomal RNA (mtLSU rRNA), a universally conserved modification in the peptidyl transferase domain of the mtLSU rRNA.[UniProtKB/Swiss-Prot Function]