

## Product datasheet for **TP500568**

### Fam103a1 (NM\_025997) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RNA guanine-7 methyltransferase activating subunit (Ramac), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200568 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSDTSEEIPNFEEMFASRFTKDDKEYQEYLKRPPESPPIVEEWNSRAGGNQRNRGNWLQDNRQFRGRDNR RGWPSDNRSNQWHGRSWGNNYPQQRPEPYQQYTQYGHNQRPPYGY
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	14.6 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_080273</a></u>
Locus ID:	67148
UniProt ID:	<u><a href="#">Q9CQY2</a></u>
RefSeq Size:	1423
Cytogenetics:	7 D3
RefSeq ORF:	360



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**Synonyms:** 2410047I02Rik; 2610204K14Rik; RAM

**Summary:** Regulatory 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. Promotes the recruitment of the methyl donor, S-adenosyl-L-methionine, to RNMT. Regulates RNMT expression by a post-transcriptional stabilizing mechanism. Binds RNA.[UniProtKB/Swiss-Prot Function]