

Product datasheet for **TP500410**

Rprm (NM_023396) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse reprimo, TP53 dependent G2 arrest mediator candidate (Rprm), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200410 protein sequence Red =Cloning site Green =Tags(s)
	MNSVLGNQTDVAGLFLANSSEALERAVRCCTQASVWTDGFAEGGPDERSLYIMRWVQIIVMCVLSLTV FGIFFLGCNLLIKSEGMINFLVKDRRPSKEVEAVVGPY
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	11.8 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:	<u>NP_075885</u>
Locus ID:	67874
UniProt ID:	<u>Q9JJ72</u>
RefSeq Size:	1460
Cytogenetics:	2 C1.1
RefSeq ORF:	330



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Synonyms: 2410012A13Rik; Reprimo

Summary: May be involved in the regulation of p53-dependent G2 arrest of the cell cycle. Seems to induce cell cycle arrest by inhibiting CDK1 activity and nuclear translocation of the CDC2 cyclin B1 complex.[UniProtKB/Swiss-Prot Function]