

Product datasheet for **TP302634M**

RPRM (NM_019845) Human Recombinant Protein

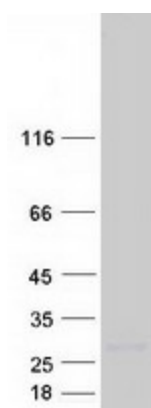
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human reprimo, TP53 dependent G2 arrest mediator candidate (RPRM), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202634 protein sequence Red =Cloning site Green =Tags(s)
	MNPALGNQTDVAGLFLANSSEALERAVRCCTQASVWTDDGFAEGGPDERSLYIMRWVQIAVMCVLSLTV FGIFFLGCNLLIKSEGMINFLVKDRRPSKEVEAVVGPY
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.6 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_062819
Locus ID:	56475
UniProt ID:	Q9NS64
RefSeq Size:	1496



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Cytogenetics:	2q23.3
RefSeq ORF:	327
Synonyms:	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 (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane
Protein Pathways:	p53 signaling pathway

Product images:

Coomassie blue staining of purified RPRM protein (Cat# [TP302634]). The protein was produced from HEK293T cells transfected with RPRM cDNA clone (Cat# [RC202634]) using MegaTran 2.0 (Cat# [TT210002]).