

Product datasheet for **TP502894**

Rbm38 (NM_019547) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RNA binding motif protein 38 (Rbm38), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202894 protein sequence Red =Cloning site Green =Tags(s)
	MLLQPACSPSVFPRPSAAPSAMHGSQKDTTFTKIFVGGLPYHTTDASLRKYFEGFGDIEEAWITDRQTG KSRGYGFVTMADRAAADRACKDPNPIIDGRKANVNLAYLGAKPRSLQTGFAVGVQQLHPTLIQRTYGLTP HIYPPAIVQPSVIPATPVPSLSSPYLEYTPASPAYAQYPPATYDQYPYAASPAATS FVG YGYPAAVP QALSAAAPAGTTFVQYQAPQLQPDRMQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	25.4 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:	NP_062420
Locus ID:	56190
UniProt ID:	Q62176
RefSeq Size:	1787



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Cytogenetics: 2 H3

RefSeq ORF: 714

Synonyms: Rnpc1; Seb4; Seb4l

Summary: RNA-binding protein that specifically bind the 3' UTR of CDKN1A transcripts, leading to maintain the stability of CDKN1A transcripts, thereby acting as a mediator of the p53/TP53 family to regulate CDKN1A. CDKN1A is a cyclin-dependent kinase inhibitor transcriptionally regulated by the p53/TP53 family to induce cell cycle arrest. Has the ability to induce cell cycle arrest in G1 and maintain the stability of CDKN1A transcripts induced by p53/TP53. Also acts as a mRNA splicing factor. Specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2 (By similarity). Plays a role in myogenic differentiation.
[UniProtKB/Swiss-Prot Function]