

Product datasheet for **TP505344**

Rrm2b (NM_199476) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ribonucleotide reductase M2 B (TP53 inducible) (Rrm2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205344 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGDPERPEAARPEKGEQLCSETEENVRSNEEPLLRKSSRRFVIFPIQYYPDIWRMYKQAQASFWTAEVVD LSKDLPHWNKLSDEKYFISHILAFFAASDGVNENLVERFSQEVQVPEARCFYGFQILIEVHSEMYSL LIDTYIRDPKKREFLNAIETMPYVKKKADWALRWIADRKSTFGERVVAFAAVEGIFSGSFAAIFWLKK RGLMPGLTFSNELISRDEGLHCDFACLMFQYLVNKPSEDRVREIADAVQIEQEFLTEALPVGLIGMNCV LMKQYIEFVADRLLGELGFSKIFQAENPFDFMENISLEGKTNFFEKRVSEYQRFVMAETTDNVFTLDAD F</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	40.8 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:	NP_955770
Locus ID:	382985
UniProt ID:	Q6PEE3



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RefSeq Size: 4532

Cytogenetics: 15 B3.1

RefSeq ORF: 1056

Synonyms: p53R2

Summary: Plays a pivotal role in cell survival by repairing damaged DNA in a p53/TP53-dependent manner. Supplies deoxyribonucleotides for DNA repair in cells arrested at G1 or G2. Contains an iron-tyrosyl free radical center required for catalysis. Forms an active ribonucleotide reductase (RNR) complex with RRM1 which is expressed both in resting and proliferating cells in response to DNA damage.[UniProtKB/Swiss-Prot Function]