

Product datasheet for TP504412

Mrm3 (NM_183263) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse mitochondrial rRNA methyltransferase 3 (Mrm3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR204412 protein sequence Red =Cloning site Green =Tags(s) |
| | <p>MTIVKSRPFREKQGKILLEGRRLIADALKAGAVPKAFFFSRLEYVKELPVDKCLKDVSLIKVKFEDIKDWS DLVTPQGIMGIFAKPDPVKMTYPETPLHHTLPLVLICDNLDPGNLGTILRSAAGAGCSKVLTKGCVDA WEPKVL RAGMGAHFQVPIVNNVEWETVPHLPPDTRVYVADNCGHYAQVQMSDKTGDRDWACDRRFLKFH KYEEDLDTKTRKDWLPKLEVQSYDLDTWGAPAAVWIGGETHGVSLQLAESTGGKRLLIPVVPVGVDSL NSAMAASILLFEGKRQLRIKVEDLSRDRSYH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-MYC/DDK |
| Predicted MW: | 34.7 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_899086</u> |
| Locus ID: | 67390 |
| UniProt ID: | <u>Q5ND52</u> |



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RefSeq Size: 1492

Cytogenetics: 11 B5

RefSeq ORF: 936

Synonyms: 4833420N02Rik; AI255153; HC90; Rnmtl1

Summary: S-adenosyl-L-methionine-dependent 2'-O-ribose methyltransferase that catalyzes the formation of 2'-O-methylguanosine at position 1370 (Gm1370) in the 16S mitochondrial large subunit ribosomal RNA (mtLSU rRNA), a conserved modification in the peptidyl transferase domain of the mtLSU rRNA.[UniProtKB/Swiss-Prot Function]