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Product datasheet for TP507979

Trmt6 (NM_175113) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tRNA methyltransferase 6 (Trmt6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207979 protein sequence Red=Cloning site Green=Tags(s) MEASAAEQPSSPPPPLGDHCIHDGDFVVLKREDVFKAVQVQRRKKVTFEKQWFYLDNAIGHSYGSAFDVS SGGSLQLRKKLEEPASETKEAGTDNRNIVDDGKSQKLTQDDIKALKDKGIKGEEIVQQLIENSTTFRDKT EFAQDKYIKKKKKKYEAIVTILKPSTRILSIMYYAREPGKINHMRYDTLAQMLTLGNIRAGNKMIVMETC SGLVLGAMMERMGGFGSIIQLYPGDGPVRAATACFGFPKSFLSGLYEFPLNKVNSLLNGTFSAEMLSSEP KDSTPVEESNGELEEKEIAEQADEDNIVDAAENNSGEQRPMEIVPGDPENKEPKEKRSKRDYIQEKQRRQ EEQRKRHLEAAALLGERNADGLIVASRFHPTPLLLSLLDFVAPSRPFVVYCQYKEPLLECYTKLRERGGV INLRLSETWLRNYQVLPDRSHPKLLMSGGGGYLLSGFTVVSDSLRADPSLKSCTGALDPHKAEEPAAKKQ KCMESAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	55.5 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_780322

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Locus ID:	66926
UniProt ID:	Q8CE96
RefSeq Size:	2820
Cytogenetics:	2 F2
RefSeq ORF:	1491
Synonyms:	3300001M20Rik; AU016412; AW492787; CGI-09; mKIAA1153
Summary:	Substrate-binding subunit of tRNA (adenine-N(1)-)-methyltransferase, which catalyzes the formation of N(1)-methyladenine at position 58 (m1A58) in initiator methionyl-tRNA. Together with the TRMT61A catalytic subunit, part of a mRNA N(1)-methyltransferase complex that mediates methylation of adenosine residues at the N(1) position of a small subset of mRNAs: N(1) methylation takes place in tRNA T-loop-like structures of mRNAs and is only present at low stoichiometries.[UniProtKB/Swiss-Prot Function]