

Product datasheet for TP310077L

MRM1 (NM_024864) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human mitochondrial rRNA methyltransferase 1 homolog (<i>S. cerevisiae</i>) (MRM1), nuclear gene encoding mitochondrial protein, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210077 protein sequence Red =Cloning site Green =Tags(s)
	MALLSTVRGATWGRLVTRHFSHAARHGERPGGEELSRLLDDLVPTSRLLELLFGMTPCLLALQAARRSVA RLLQAGKAGLQGKRAELLRMAEARDIPVLRPRRQKLDTCRYQVHQVCMEVSPLRPRPWREAGEASPG DDPQQLWLVLDGIQDPRNFGAVLRSALHFLGVDKIVTSRRNSCPLTPVSKSSAGAMEVMDVFSTDDLTGF LQTKAQGWLVAGTVGCPSTEDPQSSEIPIMSCLEFLWERPTLLVLGNEGSGLSQEVQASCQLLTLILPR RQLPPGLES LNVSVAAGILLHSICSQRKGFPTGERRQLLQDPQEPSARSEGLSMAQHPGLSSGPEKERQ NEG
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	38.5 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
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_079140



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Locus ID:	79922
UniProt ID:	Q6IN84
RefSeq Size:	1851
Cytogenetics:	17q12
RefSeq ORF:	1059
Summary:	S-adenosyl-L-methionine-dependent 2'-O-ribose methyltransferase that catalyzes the formation of 2'-O-methylguanosine at position 1145 (Gm1145) in the 16S mitochondrial large subunit ribosomal RNA (mtLSU rRNA), a universally conserved modification in the peptidyl transferase domain of the mtLSU rRNA.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MRM1 protein (Cat# [TP310077]). The protein was produced from HEK293T cells transfected with MRM1 cDNA clone (Cat# [RC210077]) using MegaTran 2.0 (Cat# [TT210002]).