

Product datasheet for **TP310077M**

MRM1 (NM_024864) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human mitochondrial rRNA methyltransferase 1 homolog (*S. cerevisiae*) (MRM1), nuclear gene encoding mitochondrial protein, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC210077 protein sequence
Red=Cloning site **Green**=Tags(s)

MALLSTVRGATWGRLVTRHFSHAARHGERPGGEELSRLLDDLVPTSRLLELLFGMTPCLLALQAARRSVA
RLLLQAGKAGLQGKRAELLRMAEARDIPVLRPRRQKLDTCRYQVHQGVCMEVSPLRPRPWREAGEASPG
DDPQQLWLVDGIQDPRNFGAVLRS AHFLGVDKVITSRRNSCPLTPVSKSSAGAMEVMDVFSTDDLTGF
LQTKAQGWLVAGTVGCPSTEDPQSSEIPIMSCLEFLWERPTLLVLGNEGSGLSQEVQASCQLLLTILPR
RQLPPGLES LNVSVAAGILLHSICSQRKGFPT EGERRQLLQDPQEPSARSEGLSMAQHPGLSSGPEKERQ
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]).