9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MRM1 Human

Mitochondrial RRNA Methyltransferase 1 Human Recombinant
RCP1394

Product Overview

Name	MRM1 Human
Description	
Mitochondrial RRNA Methyltransferase 1 Human Recombinant	
Accession (Primary)	Q6IN84
Synonyms	
Mitochondrial rRNA methyltransferase 1 homolog, rRNA methyltransferase 1, mitochondrial, Mitochondrial large ribosomal RNA ribose methylase, MRM1.	
Introduction	
Mitochondrial rRNA methyltransferase 1 homolog (MRM1) is a part of the RNA methyltransferase TrmH family. MRM1 methylates the ribose of guanosine G-2270 in the peptidyl transferase center of the mitochondrial large ribosomal RNA (21S).	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The MRM1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol, 1mM DTT and 0.1mM PMSF.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS SHAARHG ERPGGEELSR LLLDDLVPTS RLELLFGMTP CLLALQAARR SVARLLLQAG KAGLQGKRAE LLRMAEARDI PVLRPRRQKL DTMCRYQVHQ GVCMEVSPLR PRPWREAGEA SPGDDPQQLW LVLDGIQDPR NFGAVLRSAH FLGVDKVITS RRNSCPLTPV VSKSSAGAME VMDVFSTDDL TGFLQTKAQQ GWLVAGTVGC PSTEDPQSSE IPIMSCLEFL WERPTLLVLG NEGSGLSQEV QASCQLLLTI	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LPRRQLPPGL ESLNVSVAAG ILLHSICSQR KGFPTEGERR QLLQDPQEPS ARSEGLSMAQ HPGLSSGPEK ERQNEG.

Precautions

MRM1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6IN84)