

Mitochondrial rRNA Methyltransferase 1 Human Recombinant

Item Number	rAP-3929
Synonyms	Mitochondrial rRNA methyltransferase 1 homolog, rRNA methyltransferase 1, mitochondrial, Mitochondrial large ribosomal RNA ribose methylase, MRM1.
Description	MRM1 Human Recombinant produced in E. coli is a single polypeptide chain containing 356 amino acids (21-353) and having a molecular mass of 38.8kDa. MRM1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q6IN84
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSHAARHG ERPGGEELSR LLLDDLVPTS RLELLFGMTP CLLALQAARR SVARLLLQAG KAGLQGKRAE LLRMAEARDI PVLRRRQKL DTMCRYQVHQ GVC- MEVSPLR PRPWREAGEA SPGDDPQQLW LVLDGIQDPR NFGAVLRS AH FLGVDKVITS RRNSCPLTPV VSKSSAGAME VMDVFSTDDL TGFLQTKAQQ GWLVAGTVGC PSTEDPQSSE IPIMSCLEFL WERPT- LLVLG NEGSGLSQEV QASCQLLLTI LPRRQLPPGL ESLNVSVAAG ILLHSICSQR KGFPTGEGERR QLLQDPQEPS ARSEGLSMAQ HPGLSSGPEK ERQNEG.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	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. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**