

32-4235: Recombinant Human Mitochondrial RRNA Methyltransferase 1

Alternative Name : Mitochondrial rRNA methyltransferase 1 homolog, rRNA methyltransferase 1, mitochondrial, Mitochondrial large ribosomal RNA ribose methylase, MRM1.

Description

Source : E.coli. 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. 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).

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : 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.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSSHAARHG ERPGGEELSR LLLDDLVPPTS RLELLFGMTP
CLLALQAARR SVARLLLQAG KAGLQKRAE LLRMAEARDI PVLRRRQKL DTMCRYQVHQ GVCMEVSPLR
PRPWREAGEA SPGDDPQQLW LVLGDIQDPR NFGAVLRS AH FLGVDKVITS RRNSCPLTPV VSKSSAGAME
VMDVFSTDDL TGFLQTKAQQ GWLVAGTVGC PSTEDPQSSE IPIMSCLEFL WERPTLLVLG NEGSGLSQEV
QASCQLLLTI LPRRQLPPGL ESLNVSVAAG ILLHSICSQR KGFPTTEGERR QLLQDPQEPS ARSEGLSMAQ
HPGLSSGPEK ERQNEG.

