

Recombinant Human MRM1, His-tagged

Cat. No. MRM1-7594H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MRM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	21-353aa
Antigen Description	Mitochondrial rRNA methyltransferase 1 homolog, also known as MRM1, probably methylates the ribose of guanosine G-2270 in the peptidyl transferase center of the mitochondrial large ribosomal RNA (21S).
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT, 0.1mM PMSF
Molecular Mass	38.8 kDa (356aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSSHAARHG ERPGGEELSR LLLDDLVPST RLELLFGMTP CLLALQAARR SVARLLLQAG KAGLQGKRAE LLRMAEARDI PVLRRPRQKL DTMCRYQVHQ GVCMEVSPLR PRPWREAGEA SPGDDPQQWL LVLDGIQDPR NFGAVLRSAL FLGVDKVITS RRNSCPLTPV VSKSSAGAME VMDVFSTDDL TGFLQTKAQQ GWLVAGTVGC PSTEDPQSSE IPIMSCLEFL WERPTLLVLG NEGSGLSQEV QASCQLLLTI LPRRQLPPGL ESLNVSAAG ILLHSICSQR KGFPTEGERR QLLQDPQEPS ARSEGLSMAQ HPGLSSGPEK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	ERQNEG
Purity	>90% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml

GENE INFORMATION

Gene Name	MRM1 mitochondrial rRNA methyltransferase 1 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	MRM1
Synonyms	MRM1; mitochondrial rRNA methyltransferase 1 homolog (S. cerevisiae); rRNA methyltransferase 1, mitochondrial; FLJ22578; mitochondrial large ribosomal RNA ribose methylase;
Gene ID	79922
mRNA Refseq	NM_024864
Protein Refseq	NP_079140
UniProt ID	Q6IN84
Chromosome Location	17q12

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Function

RNA binding; RNA methyltransferase activity; transferase activity;

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA