

Product datasheet for **AR50862PU-N**

MRM1 (21-353, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MRM1 (21-353, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSSHAARHG ERPGGEELSR LLLDDLVPPTS RLELLFGMTP CLLALQAARR SVARLLLQAG KAGLQGKRAE LLRMAEARDI PVLRRRQKL DTMCRYQVHQ GVCMEVSPLR PRPWREAGEA SPGDDPQQLW LVLDGIQDPR NFGAVLRS AH FLGVDKVITS RRNSCPLTPV VSKSSAGAME VMDVFSTDDL TGFLQTKAQQ GWLVAGTVGC PSTEDPQSSE IPIMSCLEFL WERPTLLVLG NEGSGLSQEV QASCQLLLTI LPRRQLPPGL ESLNVSVAAG ILLHSICSQR KGFPTGERR QLLQDPQEPS ARSEGLSMAQ HPGLSSGPEK ERQNEG
Tag:	His-tag
Predicted MW:	38.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1 mM DTT, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MRM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_079140
Locus ID:	79922
UniProt ID:	Q6IN84
Cytogenetics:	17q12



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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: