

Product datasheet for AR50862PU-S

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

Product data:

Product Type: Recombinant Proteins

Description: MRM1 (21-353, His-tag) human recombinant protein, 50 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSSHAARHG 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 LPRRQLPPGL ESLNVSVAAG ILLHSICSQR

KGFPTEGERR 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

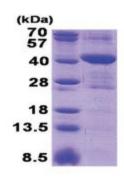




Summary:

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:



15% SDS-PAGE (3ug)