

Recombinant Human MRM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MRM1-5027H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MRM1 MS Standard C13 and N15-labeled recombinant protein (NP_079140) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	MRM1 (Mitochondrial RNA Methyltransferase 1) is a Protein Coding gene. Diseases associated with MRM1 include 3-Methylcrotonyl-CoA Carboxylase 1 Deficiency and Noonan Syndrome 4. Among its related pathways are rRNA processing in the mitochondrion and Gene Expression. Gene Ontology (GO) annotations related to this gene include methyltransferase activity. An important paralog of this gene is TARBP1.
Molecular Mass	38.6 kDa
AA Sequence	MALLSTVRGATWGRLVTRHFSHAARHGERPGGEELSRLLDDLVPTSRLELLFGMT PCLLALQAARRSVARLLLQAGKAGLQGKRAELLRMAEARDIPVLRPRRQKLDTMCR YQVHQGVCMESPLRPRPWREAGEASPGDDPQQLWLVDGIQDPRNFGAVLRSA HFLGVDKVITSRRNSCPLTPVSKSSAGAMEVMDVFSTDDLGTGFLQTKAQGGWLVA GTVGCPSTEDPQSSEIPIMSCLEFLWERPTLLVLGNEGSGLSQEVQASCQLLLTILPR RQLPPGLESINVSAAGILLHSICSQRKGFPTEGERRQLLQDPQEPSARSEGLSMA QHPGLSSGPEKERQNEGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 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

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MRM1 mitochondrial rRNA methyltransferase 1 [Homo sapiens (human)]
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
MIM	618099
UniProt ID	Q6IN84

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SDS-PAGE

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