

Methylmalonyl-CoA mutase, mitochondrial (MUT) Recombinant Protein | MUT recombinant protein

Recombinant Human Methylmalonyl-CoA mutase, mitochondrial (MUT)

CATALOG # AAA18412	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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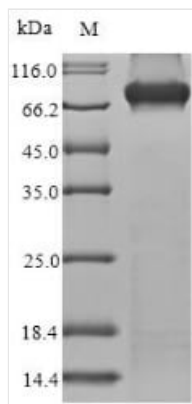
PRODUCT SYNONYMS

Methylmalonyl-CoA mutase; mitochondrial (MUT); Recombinant Human Methylmalonyl-CoA mutase; mitochondrial; MCM; EC=5.4.99.2; Methylmalonyl-CoA isomerase; MUT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	33-750aa; Full Length of Mature Protein
Sequence	LHQQQLHPE WAALAKKQLK GKNPEDLIWH TPEGISIKPL YSKRDTMDLP EELPGVKPFT RGPYPTMYTF RPWTIRQYAG FSTVEESNKF YKDNKAGQQ GLSVAFDLAT HRGYDSDNPR VRGDVGMAGV AIDTVEDTKI LFDGIPLEKM SVSMTMNGAV IPVLANFIIVT GEEQGVPEKE LTGTIQNDIL KEFMVRNTYI FPPEPSMKII ADIFEYTAKH MPKFNSISIS GYHMQEAGAD AILELAYTLA DGLEYSRTGL QAGLTIDEFA PRLSFFWGIG MNFYMEIAKM RAGRRLWAHL IEKMFQPKNS KSLLLRAHCQ TSGWSLTEQD PYNNIVRTAI EAMAAVFGGT QSLHTNSFDE ALGLPTVKSAR IARNTQIII QEESGIPKVA DPWGGSYMME CLTNDVYDAA LKLINEIEEM GGMAKAVAEG IPKLRIIECA ARRQARIDSG SEVIVGVNKY QLEKEDAVEV LAIDNTSVRN RQIEKLKKIK SSRDQALAER CLAALTECAA SGDGNILALA VASARACTV GEITDALKKV FGEHKANDRM VSGAYRQFEFG ESKEITSAIK RVHKFMEREG RRPRLLVAKM GQDGHDRGAK VIATGFADLG FDVDIGPLFQ TPREVAQQAV DADVHAGVIS TLAAGHKTLV PELIKELNSL GRPDILVMCG GVIPPQDYEF LFEVGVSNVF GPGTRIPKAA VQVLDDIEKC LEKKQQSV
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MUT recombinant protein	Involved in the degradation of several amino acids, odd-chain fatty acids and cholesterol via propionyl-CoA to the tricarboxylic acid cycle. MCM has different functions in other species.
Product Categories/Family for MUT recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	156105689
NCBI GeneID	4594
NCBI Accession #	NP_000246.2
NCBI GenBank Nucleotide #	NM_000255.3
UniProt Accession #	P22033 ; Q5SYZ3 ; Q96B11 ; Q9UD64 ; A8K953
Molecular Weight	84.8 kDa
NCBI Official Full Name	methylmalonyl-CoA mutase, mitochondrial
NCBI Official Synonym Full Names	methylmalonyl CoA mutase
NCBI Official Symbol	MUT
NCBI Official Synonym Symbols	MCM
NCBI Protein Information	methylmalonyl-CoA mutase, mitochondrial; methylmalonyl-CoA isomerase; methylmalonyl Coenzyme A mutase
UniProt Protein Name	Methylmalonyl-CoA mutase, mitochondrial
UniProt Gene Name	MUT
UniProt Synonym Gene Names	MCM
UniProt Entry Name	MUTA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mut-recombinant-protein-e-coli/18412>