

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

Recombinant Mouse Methylmalonyl-CoA mutase, mitochondrial (Mutc)

CATALOG # AAA309816	HOST E Coli	REACTIVITY Mouse
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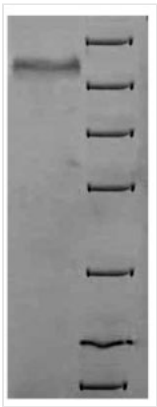
PRODUCT SYNONYMS

Methylmalonyl-CoA mutase; mitochondrial (Mutc); Recombinant Mouse Methylmalonyl-CoA mutase; Methylmalonyl-CoA isomerase; Mut; Mutc recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer, 50% glycerol
Sequence Positions	Full Length, 31-748aa
Sequence	LHQQQPLHPE WAVLAKKQLK GKNPEDLIWH TPEGISIKPL YSRADTLDP EELPGVKPFT RGPYPTMYTY RPWTIRQYAG FSTVEESNKF YKDNKAGQQ GLSVAFDLAT HRGYSDSNPR VRGDVGMAGV AIDTVEDTKI LFDGIPLEKM SVSMTMNGAV IPVLATFIVT GEEQGVPEK LTGTIQNDIL KEFMVRNTYI FPPEPSMKII ADIFQYTAQH MPKFNSISIS GYHMQEAGAD AILELAYTIA DGLEYCRTGL QAGLTIDEFA PRLSFFWGIG MNFYMEIAKM RAGRRLWAHL IEKMFQPKNS KSLLLRAHCQ TSGWSLTEQD PYNNIVRTAI EAMAAVFGGT QSLHTNSFDE ALGLPTVKSA RIARNTQIII QEESGIPKVA DPWGGSYMM E SLTNDVYEAA LKLIYEVEEM GGMAKAVAEG IPKLRIECA ARRQARIDSG SEVIVGVNKY QLEKEDSVEV LAIDNTSVRK KQIEKLKIK SSRDQALAEQ CLSALTQCAA SGDGNILALA VDAARARCTV GEITDALKKV FGEHKANDRM VSGAYRQEF ESKEITSAIK RVNKFMEREG RRPRLLVAKM GQDGHDRGAK VIATGFADLG FDVDIGPLFQ TPREVAQQAV DADVHAVGVS TLAAGHKTLV PELIKELTAL GRPDILVMCG GVIPPQDYEF LYEVGVSNVF GPGTRIPRAA VQVLDDIEKC LAEKQQSV
Tag Info	N-terminal 6xHis-tagged
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C, -80°C. The shelf life of lyophilized form is 12 months at -20°C, -80°C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Mutc recombinant protein	Involved in the degradation of several amino acids, odd-chain fatty acids and cholesterol via propionyl-CoA to the tricarboxylic acid cycle.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148540106
NCBI GeneID	17850
NCBI Accession #	NP_032676.2
NCBI GenBank Nucleotide #	NM_008650.3
UniProt Accession #	P16332; Q3UJU1
Molecular Weight	83.2kDa
NCBI Official Full Name	methylmalonyl-CoA mutase, mitochondrial
NCBI Official Synonym Full Names	methylmalonyl-Coenzyme A mutase
NCBI Official Symbol	Mut
NCBI Official Synonym Symbols	Mcm; D230010K02Rik
NCBI Protein Information	methylmalonyl-CoA mutase, mitochondrial
UniProt Protein Name	Methylmalonyl-CoA mutase, mitochondrial
UniProt Gene Name	Mut
UniProt Synonym Gene Names	MCM

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://stage.aaabiotech.com/mut-recombinant-protein-e-coli/309816>