

Methylmalonyl-CoA mutase Recombinant Protein | Mut recombinant protein

Recombinant Mouse Methylmalonyl-CoA mutase, mitochondrial

CATALOG # AAA114089	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Methylmalonyl-CoA mutase; Recombinant Mouse Methylmalonyl-CoA mutase; mitochondrial; 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	31-748aa; Full Length
Sequence	LHQQQPLHPE WAVLAKKQLK GKNPEDLIWH TPEGISIKPL YSRADTLDP EELPGVKPFT RGPYPTMYTY RPWTIRQYAG FSTVEESNKF YKDNKAGQQ GLSVAFDLAT HRGYSDNPR 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 DPWGGSYMME SLTNDVYEAA LKLIYEVEEM GGMAKAVAEG IPKLRIECA ARRQARIDSG SEVIVGVNKY QLEKEDSVEV LAIDNTSVRK KQIEKLKKIK SSRDQALAEQ CLSALTQCAA SGDGNILALA VDAARARCTV GEITDALKKV FGEHKANDRM VSGAYRQEFQ ESKEITSAIK RVNKFMEREG RRPRLLVAKM GQDGHDRGAK VIATGFADLG FDVDIGPLFQ TPREVAQQAV DADVHAVGVS TLAAGHKTLV PELIKELTAL GRPDILVMCG GVIPPQDYEF LYEVGVSNVF GPGTRIPRAA VQVLDDIEKC LAEKQQSV
Sequence Length	748
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

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.
Product Categories/Family for Mut recombinant protein	Metabolism
References	"Primary structure and activity of mouse methylmalonyl-CoA mutase." Wilkemeyer M.F., Crane A.M., Ledley F.D. Biochem. J. 271:449-455(1990)

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	80.5 kDa
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
UniProt Entry Name	MUTA_MOUSE

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.