



Recombinant Mouse Methylmalonyl-CoA mutase, mitochondrial (Mutc)

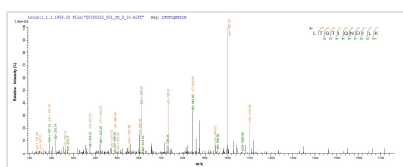
Product Code	CSB-EP015243MO
Relevance	Involved in the degradation of several amino acids, odd-chain fatty acids and cholesterol via propionyl-CoA to the tricarboxylic acid cycle.
Abbreviation	Recombinant Mouse Mut protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, 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.
Uniprot No.	P16332
Alias	Methylmalonyl-CoA isomerase
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LHQQQPLHPEWAVLAKKQLKGKNPEDLIWHTPEGISIKPLYSRADTLDLPEELP GVKPFTRGPYPTMYTYRPWTIRQYAGFSTVEESNKFYKDNIKAGQQGLSVAF DLATHRGYSDNPRVRGDVGMAGVAIDTVEDTKILFDGIPLEKMSVSMTMNG AVIPVLATFIVTGEEQGVPEKLTGTIQNDILKEFMVRNTYIFPEPSMKIADIFQ YTAQHMPKFNSISISGYHMQEAGADAILELAYTIADGLEYCRTGLQAGLTIDEFA PRLSFFWGIGMNFYMEIAKMRAGRRLWAHLIEKMFQPKNSKSLLLRAHCQTS GWSLTEQDPYNNIVRTAIEAMAAVFGGTQSLHTNSFDEALGLPTVKSARIARN TQIIQEESEGIPKVADPWGGSYMMESLTDVVEAALKLIYEVEEMGGMAKAVAE GIPKLRIECAARRQARIDSGSEVIVGVNKYQLEKEDSVEVLADNTSVRKKQIE KLKKIKSSRDQALAEQCLSALTQCAASGDGNILALAVDAARARCTVGEITDALK KVFGCHKANDRMVSGAYRQEFGESKEITSAIKRVNKFMEREGRRPRLLVAKM GQDGHDRGAKVIATGFADLGFVDIGPLFQTPREVAQQAVDADVHAVGVSTL AAGHKTLVPELIKELTALGRPDILVMCGGVIPPQDYEFLYEVGVSINVFGPGTRI PRAAVQVLDDIEKCLAEKQQSV
Research Area	Metabolism
Source	E.coli
Target Names	Mmut
Expression Region	31-748aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	83.2kDa
Protein Length	Full Length of Mature Protein



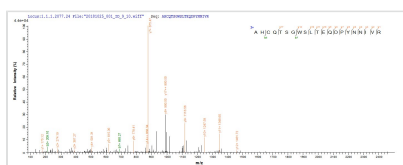
Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP015243MO could indicate that this peptide derived from E.coli-expressed Mus musculus (Mouse) Mut.



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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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