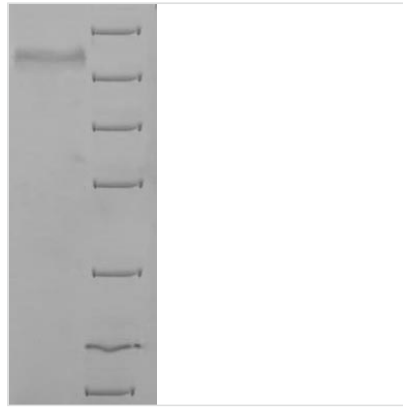




Recombinant Mouse Methylmalonyl-CoA mutase, mitochondrial(Mutc)

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.
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
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Methylmalonyl-CoA isomerase
Product Type	Recombinant Protein
Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LHQQQPLHPEWAVLAKKQLKGKNPEDLIWHTPEGISIKPLYSRADTLDLPEELP GVKPFTRGPYPTMYTYRPWTIRQYAGFSTVEESNKFYKDNIKAGQQGLSVAF DLATHRGYSDNPRVRGDVGMAGVAIDTVEDTKILFDGIPLEKMSVSMTMNG AVIPVLATFIVTGEEQGVPEKLTGTIQNDILKEFMVRNTYIFPEPSMKIADIFQ YTAQHMPKFNSISISGYHMQEAGADAILLAYTIADGLEYCRTGLQAGLTIDEFA PRLSFFWGIGMNFYMEIAKMRAGRRLWAHLIEKMFQPKNSKSLLLRAHCQTS GWSLTEQDPYNNIVRTAIEAMAAVFGGTQSLHTNSFDEALGLPTVKSARIARN TQIIIQEESEGIPKVADPWGGSYMMESLTNDVVEAALKLIYEVEEMGGMAKAVAE GIPKLRIECAARRQARIDSGSEVIVGVNKYQLEKEDSVEVLADNTSVRKKQIE KLKKIKSSRDQALAEQCLSALTQCAASGDGNILALAVDAARARCTVGEITDALK KVFGCHKANDRMVSGAYRQEFGESKEITSAIKRVNKFMEREGRRPRLLVAKM GQDGHDRGAKVIATGFADLGFVDIGPLFQTPREVAQQAVDADVHAVGVSTL AAGHKTLVPELIKELTALGRPDILVMCGGVIPPQDYEFLYEVGVSINVFGPGTRI PRAAVQVLDDIEKCLAEKQQSV
Research Area	Metabolism
Source	E.coli
Gene Names	Mut
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 Description	Full Length of Mature Protein

**Image**

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