

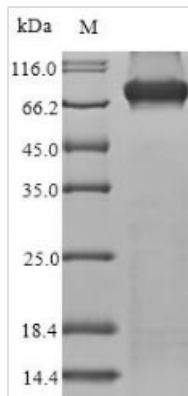


Recombinant Human Methylmalonyl-CoA mutase, mitochondrial (MMUT)

Product Code	CSB-EP015243HU
Relevance	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.
Abbreviation	Recombinant Human MMUT 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.	P22033
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	LHQQQPLHPEWAALAKKQLKGKNPEDLIWHTPEGISIKPLYSKRDTMDLPEEL PGVKPFTRGPYPTMYTFRPWIRQYAGFSTVEESNKFYKDNKAGQQGLSVA DLATHRGYDSDNPRVRGDVGMAGVAIDTVEDTKILFDGIPLEKMSVSMTMNG AVIPVLANFIVTGEEQGVPEKLTGTIQNDILKEFMVRNTYIFPPEPSMKIADIFE YTAKHMPKFNSISISGYHMQEAGADAILELAYTLADGLEYSRTGLQAGLTIDEF APRLSFFWGIGMNFYMEIAKMRAGRRLWAHLIEKMFQPKNSKSLLLRAHCQTS GWSLTEQDPYNNIVRTAIEAMAAVFGGTQSLHTNSFDEALGLPTVKSARIARN TQIIIQEESGIPKVADPWGGSYMMECLTNDVYDAALKLINEIEEMGGMAKAVAE GIPKLRIECAARRQARIDSGSEVIVGVNKYQLEKEDAVEVLADNTSVNRNRIE KLKKIKSSRDQALAERCLAALTECAASGDGNILALAVDASRARCTVGEITDALK KVFGHEKANDRMVSGAYRQEFGESKEITSAIKRVHKFMEREGRRPRLLVAKM GQDGHDRGAKVIATGFADLGFVDIGPLFQTPREVAQQAVDADVHAVGISTLA AGHKTLVPELIKELNSLGRPDILVMCGGVIPPQDYEFLEFVGVSNNVFGPGTRIP KAAVQVLDDIEKCLEKKQQSV
Research Area	Signal Transduction
Source	E.coli
Target Names	MMUT
Protein Names	Methylmalonyl-CoA isomerase
Expression Region	33-750aa
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	84.8 kDa


Protein Length

Full Length of Mature Protein

Image


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

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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