



Recombinant Human Methylmalonyl-CoA epimerase, mitochondrial (MCEE)

Product Code	CSB-EP846685HU-B
Abbreviation	MCEE
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.	Q96PE7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QVTG SVWNLGRLNH VAIAVPDLEK AAFYKNILG AQVSEAVPLP EHGVSVVFVN LGNTKMELLH PLGRD SPIAG FLQKNKAGGM HHICIEVDNI NAAVMDLKKK KIRSLSEEVK IGAHGKPVIF LHPKDCGGVL VELEQA
Source	E.coli
Target Names	MCEE
Protein Names	Recommended name: Methylmalonyl-CoA epimerase, mitochondrial EC= 5.1.99.1 Alternative name(s): DL-methylmalonyl-CoA racemase
Expression Region	37-176
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	The product of this gene catalyzes the interconversion of D- and L-methylmalonyl-CoA during the degradation of branched chain amino acids, odd chain-length fatty acids, and other metabolites. Mutations in this gene result in methylmalonyl-CoA epimerase deficiency, which is presented as mild to moderate methylmalonic aciduria.
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	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.