



# Recombinant Human Methylmalonyl-CoA epimerase, mitochondrial (MCEE)

<b>Product Code</b>	CSB-BP846685HU
<b>Abbreviation</b>	MCEE
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q96PE7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QVTG SVWNLGRLNH VAIAVPDLEK AAFYKNILG AQVSEAVPLP EHGVSVVFVN LGNTKMELLH PLGRD SPIAG FLQKNKAGGM HHICIEVDNI NAAVMDLKKK KIRSLSEEVK IGAHGKPVIF LHPKDCGGVL VELEQA
<b>Source</b>	Baculovirus
<b>Target Names</b>	MCEE
<b>Protein Names</b>	Recommended name: Methylmalonyl-CoA epimerase, mitochondrial EC= 5.1.99.1 Alternative name(s): DL-methylmalonyl-CoA racemase
<b>Expression Region</b>	37-176
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.