Recombinant Human Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial (MCCC2)

Product Code	CSB-BP867199HU
Abbreviation	MCCC2
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.	Q9HCC0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	YHGDSVAS LGTQPDLGSA LYQENYKQMK ALVNQLHERV EHIKLGGGEK ARALHISRGK LLPRERIDNL IDPGSPFLEL SQFAGYQLYD NEEVPGGGII TGIGRVSGVE CMIIANDATV KGGAYYPVTV KKQLRAQEIA MQNRLPCIYL VDSGGAYLPR QADVFPDRDH FGRTFYNQAI MSSKNIAQIA VVMGSCTAGG AYVPAMADEN IIVRKQGTIF LAGPPLVKAA TGEEVSAEDL GGADLHCRKS GVSDHWALDD HHALHLTRKV VRNLNYQKKL DVTIEPSEEP LFPADELYGI VGANLKRSFD VREVIARIVD GSRFTEFKAF YGDTLVTGFA RIFGYPVGIV GNNGVLFSES AKKGTHFVQL CCQRNIPLLF LQNITGFMVG REYEAEGIAK DGAKMVAAVA CAQVPKITLI IGGSYGAGNY GMCGRAYSPR FLYIWPNARI SVMGGEQAAN VLATITKDQR AREGKQFSSA DEAALKEPII KKFEEEGNPY YSSARVWDDG IIDPADTRLV LGLSFSAALN APIEKTDFGI FRM
Source	Baculovirus
Target Names	MCCC2
Protein Names	Recommended name: Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial Short name= MCCase subunit beta EC= 6.4.1.4 Alternative name(s): 3-methylcrotonyl-CoA carboxylase 2 3-methylcrotonyl-CoA carboxylase non-biotin-containin
Expression Region	23-563
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	This gene encodes the small subunit of 3-methylcrotonyl-CoA carboxylase. This enzyme functions as a heterodimer and catalyzes the carboxylation of 3-methylcrotonyl-CoA to form 3-methylglutaconyl-CoA. Mutations in this gene are associated with 3-Methylcrotonylglycinuria, an autosomal recessive disorder of leucine catabolism.

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.