

Recombinant Mouse Mccc2 Protein, Myc/DDK-tagged

Cat. No. Mccc2-3991M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length methylcrotonoyl-Coenzyme A carboxylase 2 (beta) (Mccc2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Carboxyltransferase subunit of the 3-methylcrotonyl-CoA carboxylase, an enzyme that catalyzes the conversion of 3-methylcrotonyl-CoA to 3-methylglutaconyl-CoA, a critical step for leucine and isovaleric acid catabolism.
Molecular Mass	61.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Mccc2 methylcrotonoyl-Coenzyme A carboxylase 2 (beta) [Mus musculus (house mouse)]
Official Symbol	Mccc2
Synonyms	MCCC2; methylcrotonoyl-Coenzyme A carboxylase 2 (beta); methylcrotonoyl-CoA carboxylase beta chain, mitochondrial; MCCase subunit beta; 3-methylcrotonyl-CoA carboxylase 2; 3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta; 3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit; MCCB; 4930552N12Rik
Gene ID	78038
mRNA Refseq	NM_030026
Protein Refseq	NP_084302
UniProt ID	Q3ULD5

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