

Recombinant Human MCCC1 Protein, His-tagged

Cat. No. MCCC1-401H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCCC1 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes the large 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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	75.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	MCCC1 methylcrotonoyl-CoA carboxylase 1 (alpha) [Homo sapiens]
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Official Symbol	MCCC1
Synonyms	MCCC1; methylcrotonoyl-CoA carboxylase 1 (alpha); methylcrotonoyl Coenzyme A carboxylase 1 (alpha); methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial; MCCA; MCCase subunit alpha; 3-methylcrotonyl-CoA carboxylase 1; methylcrotonoyl-Coenzyme A carboxylase 1 (alpha); 3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha; 3-methylcrotonyl-CoA carboxylase biotin-containing subunit; MCC-B; FLJ25545; DKFZp686B20267;
Gene ID	56922
mRNA Refseq	NM_020166
Protein Refseq	NP_064551
MIM	609010
UniProt ID	Q96RQ3

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