

## Recombinant Human MCCC1 Protein, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	MCCC1 methylcrotonoyl-CoA carboxylase 1 (alpha) [ Homo sapiens ]
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<b>Official Symbol</b>	MCCC1
<b>Synonyms</b>	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;
<b>Gene ID</b>	56922
<b>mRNA Refseq</b>	NM_020166
<b>Protein Refseq</b>	NP_064551
<b>MIM</b>	609010
<b>UniProt ID</b>	Q96RQ3

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