MCCC2 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	MCCC2, Recombinant Protein
Full Product Name	Recombinant Human MCCC2 Protein, N-His
Product Gene Name	MCCC2 recombinant protein
Product Synonym Names	3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit; 3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta; Methylcrotonoyl-CoA carboxylase beta chain; mitochondrial; MCCB; MCCC2; 3-methylcrotonyl-CoA carboxylase 2; MCCase subunit beta
Sequence	Lys80-Asn2 95
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE.
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for frequent use. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	57,519 Da
OMIM	210210
3D Structure	ModBase 3D Structure for Q9HCC0
Species	Homo sapiens (Human)
Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
Product Categories/Family for MCCC2 recombinant protein	Recombinant Protein; Other Proteins; Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for MCCC2 recombinant protein	ELISA (EIA), Immunogen, SDS-PAGE, Western Blot (WB), Bioactivity testing in progress
Related Product Information for MCCC2 recombinant protein	MBS1587711 is a recombinant protein targeting MCCC2. Also known as Recombinant Human MCCC2 Protein, N-His. Host: E coli.
Other Notes	Small volumes of MCCC2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of MCCC2 recombinant protein
SDS-PAGE for Recombinant Human MCCC2 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MCCC2. It may not necessarily be applicable to this product.

NCBI GI #	11545863
NCBI GeneID	64087
NCBI Accession #	NP_071415.1
UniProt Primary Accession #	Q9HCC0
UniProt Secondary Accession #	Q96C27; Q9Y4L7; A6NIY9
UniProt Related Accession #	Q9HCC0
GenBank Nucleotide #	NM_022132.4
NCBI Official Full Name	methylcrotonoyl-CoA carboxylase beta chain, mitochondrial
NCBI Official Synonym Full Names	methylcrotonoyl-CoA carboxylase 2 (beta)
NCBI Official Symbol	MCCC2
NCBI Official Synonym Symbols	MCCB
UniProt Protein Name	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial
UniProt Synonym Protein Names	3-methylcrotonyl-CoA carboxylase 2; 3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit; 3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta
Protein Family	Methylcrotonoyl-CoA carboxylase
UniProt Gene Name	MCCC2
UniProt Synonym Gene Names	MCCB; MCCase subunit beta
UniProt Entry Name	MCCB_HUMAN
NCBI Protein Information	methylcrotonoyl-CoA carboxylase beta chain, mitochondrial; 3-methylcrotonyl-CoA carboxylase 2; 3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit; 3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta; MCCase subunit beta; biotin carboxylase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/mccc2/1587711