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# Product datasheet for SC216796

## MCCC2 (NM_022132) Human 3' UTR Clone

### Product data:

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|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | MCCC2 (NM_022132) Human 3' UTR Clone |
| **Vector:** | pMirTarget (PS100062) |
| **Symbol:** | MCCC2 |
| **Synonyms:** | MCCB; MCCCbeta |
| **ACCN:** | NM_022132 |
| **Insert Size:** | 1876 bp |

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**Insert Sequence:**

>SC216796 3'UTR clone of NM_022132
The sequence shown below is from the reference sequence of NM_022132. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGACTGACTTCGGTATCTTCAGGATGTAACTGGAATAAAGGATGTTTTCTGTTGGACATGTACTGAAA
ATTAACACATGTAGTAGCCTTAAAATTTTAGACTTCTCGAACATGAGGCTGTTACAGTAATTTTTTTAA
CACTGTGCATTGTACTTTTCTACCTTAAAAAAATCAGTGAGGATATTTATTTAATGAACATCAATTCCT
TTTAAATTTTCTTAGAGAAATTTCTCTGTGGCTCAGTTTTACCACCCATAAAGCGGAGACAGTAATTTA
CGGTTATCCTTTCTGACCCACAAAGTATGAAAAGTTCTGTAATCTGTAAACTCAGTTCTGTAATCTGTA
TTATTGAGATGATTAATATAAAGTTGTATTTTCACTGAAATGATTGTTTTGCTGGTTATGCTTGGTGAT
ATTTTAGCGGGCTTATTTTTGAAAGGCATCTGTTACTTCAGTGGCATAAAGTGCCCTCACACTGCTGTG
CAGCCATCACCACCATTCATCTCCAGAATTTGTTCTCAGTCCCAAACTGAAACTATACCATTCAAACAA
CAGCGCTCCCCATTTCCCCCTCCCCCGAGCCCATGACATCTCCTTATTATTATTTTTTTTTTGAGACAG
GGTGTTTCTCTGTTGCCCAGGCTGGAGTGCGGTGGTGTGATCTCGGCTCACTGCAGCTTCCACCTCCCG
GGTTCAAGCGATTCTTGTGCCTCAGCCTCCCAAGCAGCTGGGACTATAGGCACGCACCACCACACCCAG
CTAAGTTCTGTATTTTTAGCAGAGACGGGATTTCACTAGGTTGCCCAGGCTGGTCTCAAACTACTGACC
TCAAGTGATCCACCCGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACCGCGCCTGACCA
CATCTCCTTATTCTTAAATGTATGTGTTTCTCATGGTTTGATTTATTCTTGCTGGGCCATTTCAGCCCC
TGTCATGGCTTCACTCGCCATCTAAATGCAGATGATTACTGCCTTGACGGTTCTTAACCCAGCTCTCCC
CTGAGCTGCAGGCCTGCATATCCAGTAGGTCTACTGGACATCTGTACTGGTTGTTGTGGAGGAACCTCT
GGCTTGCTCATTAAGTCCTACTGATTTTCACTATCCCCTGAATTTCCCCACTTATTTTTGTCTTTCACT
ATCGCAGGCCTTAGAAGAGGTCTACCTGCCTCCAGTCTTACCTAGTCCAGTCTACCCCCTGGAGTTAGA
ATGGCCATCCTGAAGTGAAAAGTAATGTCAGATTACTCCCTTCAGTGATTTCTTGTAGAAGTGCCAATC
CCTGAATGCCACCAAGATCTTAATCTTCACATCTTTAATCTTATCTCTTTGACTCCTCTTTACACCGGA
GAACGGCTCCAGCTGTTCTAGCTCTCTTTCAGTTCTTTGAACCTTCCCACCTTAGGGTCTATAAGGTTC
CCTCTGCCCAAATTGTTCTACTCTCCCTTCTTCTTCAACACATCCTTCAGTTTAAGCACTTGCTTCTCT
CAGTTTAAACTCCACTTCCTTAGGGATGTCTCTGTGACCTCCCTGTGCTGGATTAGCTTCCCTACTCTA
TGCTCTTGTAAAACACTATCTACTTCCTTTGTCATAAACTCATCATTTTCCTATAAACATTAATATTGT
CCTCCTGCTAGAATGTAAGCTCCGTGAGAGCAAGGATCCTCCTGTTTACCCTGTACCTCCAATGTCTGG
CACTTGTAGGTGCTCAAATATTCGTTGAATGAATGAAAAATCCATATTGTAATTGATGTCCTCTGGCCA
CATAGTTTTAAAATTAGGTGATTGATTATATGACCGAATAGAACTATCAAATGTTTTCCTAATAAAGTC
AATATTTCAAACA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** NM_022132.5

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| **Summary:** | 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. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2018] |
| **Locus ID:** | 64087 |
| **MW:** | 69.6 |