

Product datasheet for **SC206461**

CPT1B (NM_004377) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CPT1B (NM_004377) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CPT1B
Synonyms: CPT1-M; CPT1M; CPTI; CPTI-M; M-CPT1; MCCPT1; MCPT1
ACCN: NM_004377
Insert Size: 507 bp
Insert Sequence: >SC206461 3'UTR clone of NM_004377
The sequence shown below is from the reference sequence of NM_004377. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTTTCCAAGTTCCCAAGGCCTACAGCTGAGGTTGGAGAAATGCCAGCTGCCCTTTTCGTCACACT
GTGGAGGAAGGGACCTGTGGCAGCTCACAGGCATGAGGGGTGGCCGTGCACAGGTGCCAGCTCCAAG
GACAGCTCCGGCAGCAGGTCCTCGCTGGCAGATGCTGCTCCCTGAGGGCCAGGTGGTGGAGGTGGGG
TTGGAGCAGGAAGGAATTTTGTATTTTTTTTTTTCTTGATAGATACTAATAAAAAAAGGCTGTGTAAT
TTTCTCTCAGCCCTTAGGTACCTGTGTTTTGTTGGAACTCGGAGGCCCTCCCCCTCCCCAGCTCAG
ACCACAGAGGTGGCAAGAGAAGGCTGAAGCTGGAAGACTGTTTCATGAGGGACTTGTGTGACCTGCTTT
GAAATGTGTGACTCTGCTGAGTGACGTAGGCTCTGAGATAGCTGTCCACGCCACGTGTTTGCTTGAA
TAAATACTTGCTCAGAACCTTCA
ACGCGTAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_004377.4](#)



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Summary: The protein encoded by this gene, a member of the carnitine/choline acetyltransferase family, is the rate-controlling enzyme of the long-chain fatty acid beta-oxidation pathway in muscle mitochondria. This enzyme is required for the net transport of long-chain fatty acyl-CoAs from the cytoplasm into the mitochondria. Multiple transcript variants encoding different isoforms have been found for this gene, and read-through transcripts are expressed from the upstream locus that include exons from this gene. [provided by RefSeq, Jun 2009]

Locus ID: 1375

MW: 18.6