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Product datasheet for SC202918

CPT1B (NM_001145137) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CPT1B (NM_001145137) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CPT1B
Synonyms:	CPT1-M; CPT1M; CPTI; CPTI-M; M-CPT1; MCCPT1; MCPT1
ACCN:	NM_001145137
Insert Size:	253 bp
Insert Sequence:	>SC202918 3'UTR clone of NM_001145137 The sequence shown below is from the reference sequence of NM_001145137. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTTTTCCAAGTTCCCAAGGCCTACAGCTGAAGCCCTTAGGTACCTGTGTTTTGTTTGGGAACTCGGAGG CCCTCCCCCTCCCCCAGCTCAGACCACAGAGGTGGCAAGAGAAGGGCTGAAGCTGGAAGACTGTTCATG AGGGACTTGTGTGACCTGCTTTGAAATGTGTGACTCTGCTGAGTGACGTAGGCTCTGAGATAGCTGTCC ACGCCCACGTGTTTGCTTGGAATAAATACTTGCCTCAGAACCTTCA 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_001145137.2

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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: 9.3