

Product datasheet for **SC201543**

CPT1C (NM_001136052) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CPT1C (NM_001136052) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CPT1C
Synonyms:	CATL1; CPT1-B; CPT1P; CPTI-B; CPTIC; SPG73
ACCN:	NM_001136052
Insert Size:	156 bp
Insert Sequence:	>SC201543 3'UTR clone of NM_001136052 The sequence shown below is from the reference sequence of NM_001136052. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGGCCTCAATGACATCCACCGACTTCTGACTCCTTCCAGCAGGCTGGCCTCTCCAAGGAATAAGG GTGAAATTGCCACAGCTGGCTGACACAGGACAGGGGCAACTGGTTGGCAACCCACATCCAGGCCAAT AAAGATGTGTGAGCTGGG ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_001136052.3



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Summary: This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein regulates the beta-oxidation and transport of long-chain fatty acids into mitochondria, and may play a role in the regulation of feeding behavior and whole-body energy homeostasis. Alternatively spliced transcript variants encoding multiple protein isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]

Locus ID: 126129

MW: 5.6