

## Product datasheet for **MC228953**

### **Cpt1c (NM\_001252470) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cpt1c (NM_001252470) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpt1c
Synonyms:	6530437J22Rik; 9630004I06Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228953 representing NM\_001252470  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTGAGGCACACCAGGCCTCGAGCTTGTCTTCACTGAGTCCGATGGGGCAGAAGTAGAGCTCA  
 GCTCGCCAGTGTGGCAGGAAATTTACCTCTGTGCCCTGCGCTCCTGGAAAAGGCATCTCTGGCGTGTCTG  
 GAATGACTTTCTTGTGGTGTGGTCCCTGCAACCCCCCTCAGCTGGCTCTTCTTCTTCACTACAATCCAG  
 CTTGCCTGTCTCCTCCAGCTGGACCCTTCCCTAGGACTGATGGAGAAGATTAAAGAGTTACTGCCAGACT  
 GGGGGCAGACACCATCAGCTCCAGGGTTCTTGTGAGCAGCAGTTTTTGCATCTTGTGGGGAGC  
 CCTCATCTTACCCTTCTGTGGCTCTGAGGCTCCTTCTGTCCCACCATGGCTGGCTTCTGGAACCTCAT  
 GGGCCATGTCTCACCCACGAAGACCTGGCTGGCATTGGTCAGAATCTTTCCGGGAGGCACCCGAGGC  
 TCTTCACTTCCAACGCGCTCCCGCAGCAGCCAGTCCCTCGGCGCAGGAGACCGTGCACAAGTACCT  
 AGAGTCTGTACGCCCTGTCTCGGAGACGACGCTTTCGACCGCTACAGCGCTGGCAAATGACTTCTGT  
 AGGTTGCACGCACCACGGCTACAGCTCTATTTGCAACTCAAGTCTGGTGTACTTCCAACACTACGTACGG  
 ACTGGTGGGAAGAGTTTGTGTACCTGCGCTCTCGAGGCTCACTGATTAATAGCACCTACTACATGATGGA  
 TTTTCTGTACGTACCCACACCCGCTGCAGGCAGCCGCGCGGGCAATGCTGTGCATACCTGTCTCTG  
 TATCGCCACCTGTGAACCGGCAGGAGATCTCACCGACATTGCTGATGGGGATGCGACCCTTGTGTTCCG  
 CCCAGTATGAGAGGATGTTCAACTACACGGATTCCAGGGGTGGAAAAGACCACCTTCTGTACCTTCA  
 AGACAGCCGACACGTGGCTGTCTTCCACCGGGCAGATTCTTCCGTGTAGGGACTCACTCCCAATGGC  
 CTGCTTTCCACGGCCCTGGAACAGCAGTTCAGGACATCTGGATGACCCCTCCACAGCCTGTCCCT  
 TTGAGGAACACCTAGCTGCTGACTGCTGCTCCAGGAGTATGTGGGCTCAGGTGCGGGAGTCCGTGAA  
 GACCCACGCAGCCACCGCCTGGAGGCTGTGGAAGGGGCTGCCTTCTTGTGTCCCTCGATTCTGAGCCC  
 GCGGGACTGACCAGAGAGACCCCGCAGCTTCCCTGGACGCTTATGCCACGCTCTGCTGGCTGGCCGAG  
 GCCATGACCGCTGGTTTGACAAATCCTTACCCTCATCGTCTTCTCCAATGGGAAGCTGGGCCTCAGCGT  
 GGAACACTCATGGGCCGACTGCCCTGTCTCAGGGCATTGTGGGAGTTCACCCTGGCCACAGAGTGTCTT  
 CAGTTGGGTTATGCCACAGATGGCCACTGTAAGGGGCACCCTGACCTACCCTGCCACAGCCCGAGCGC  
 TGCAGTGGGACCTCCAGAGCAGATCCAGCCGTCCATCTCGTGGCCCTGAGGGGAGCCAAGACCTTGT  
 TGGCAACATCGACTGCCACGTCTTCCCTTCTCCACTTCGGCAAGAGCTTCATCAAATGCTGTCATGTC  
 TCTTCAAGACGCTTCATCCAGTTGGTCTCGAGCTGGCCACTTCCGGGACAGGGGTCAATTCTGCCTGA  
 CTTATGAGTCAGCCATGACCCGACTGTTCTGGAAGGCAGGACAGAGACAGTGAAGTCTTGCACCAGAGA  
 AGCCTGCCAGTTTGTGAGAGCCATGGACAACAAGGAGACAGACCAACATTGCCTCGCCCTGTTCCGAGTG  
 GCCGTGGACAAGCACCAGGCTCTACTGAAGGCGCGATGAGTGGCCAGGGGATTGACCGTCACTCTTTG  
 CACTGTACATCATGTCCCGGCTCCTCCATATGCAGTCGCCCTTCTGACCCAGGTCCAGTGCAGCAATG  
 GCTGCTGTCCACCAGCCAGGTCCTGTGCAGCAGACACCTGATTGATGTCCACAATTATCCGGATTAC  
 GTTCTCTGAGGTTGGATTTGGGCTGCCATGACCATGGGTATGGTATCTCTACATCTTATGGGGG  
 AAAACGCAATCACCTCCATATCTCCAGCAAGAAATCAAGCACAGAAACAGACTCTACCCGGCTGGGGCA  
 GCACATCGAAAAATGCCCTGTTGGATGTAGCCTCCCTGTTCCGGGTTGGACAGCATTTCAGCGCCAGTTC  
 AGGGGGGAGAATTCGGATTATAGATACAACTTTCTCTCTGTAAGACTGTGGACCCCAATACCCCTACAT  
 CCTCCACCAACTT**GTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001252470  
**Insert Size:** 2397 bp

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001252470.1</a></u> , <u><a href="#">NP_001239399.1</a></u>
<b>RefSeq Size:</b>	2809 bp
<b>RefSeq ORF:</b>	2397 bp
<b>Locus ID:</b>	78070
<b>UniProt ID:</b>	<u><a href="#">Q8BGD5</a></u>
<b>Cytogenetics:</b>	7 B3
<b>Gene Summary:</b>	May play a role in lipid metabolic process.[UniProtKB/Swiss-Prot Function]