

## Product datasheet for **MC201927**

### **Cpt1c (NM\_153679) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cpt1c (NM_153679) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpt1c
Synonyms:	6530437J22Rik; 9630004I06Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC066155 sequence for NM\_153679  
 GGCGCCCGCAGGTGTCTCTGGGTTTCAGGATAACAGCCAAAGACGGTTGATCAGTTCGTGGACTCATT  
 CACGGGGACTGGATGTATGTACATGGGAACTGGGTACTGGACTCAAACCTGGGGGAAGGAGGTGTATATG  
 GAATTGACCTCAGGAACGGCAGCTGTGACCTCTGACCGGGGCCAGGGAACATGGCTGAGGCACACCAG  
 GCCTCGAGCTTGTGTCTTCACTGAGTTCGATGGGGCAGAAGTAGAGCTCAGCTCGCCAGTGTGGCAGG  
 AAATTTACCTCTGTGCCCTGCGCTCCTGGAAAAGGCATCTCTGGCGTGTCTGGAATGACTTCTTGTCTGG  
 TGTGGTCCCTGCAACCCCTCAGTGGCTCTTCTCTTCACTACAATCCAGCTTGCCTGTCTCCTCCAG  
 CTGGACCCTTCCCTAGGACTGATGGAGAAGATTAAGAGTTACTGCCAGACTGGGGCGGACAGCACCATC  
 AGCTCCAGGGGCTCTTGTGAGCAGCAGTTTTTGCATCTTGTCTTGTGGGGAGCCCTCATCTTCACCCCTCA  
 TGTGGCTCTGAGGCTCCTTCTGTCCCACCATGGCTGGCTTCTGGAACCTCATGGCGCCATGCTCCTCACC  
 ACGAAGACCTGGCTGGCATTGGTCAGAATCTTTCCGGGAGGCACCCGAGGCTCTTCACTTCCAACCGG  
 CGCTCCCGCAGACCCAGTGCCTCGGCGCAGGAGACCGTGCAGAAAGTACCTAGAGTCTGTACGCCCTGT  
 GCTCAGAGACGACGCTTTCGACCGCGCTACAGCGCTGGCAAATGACTTCTGAGGTTGCACGCACCACGG  
 CTACAGCTCTATTTGCAACTCAAGTCTGGTGTACTTCCAACACGTGAGCGACTGGTGGGAAGAGTTTG  
 TGTACCTGCGCTCTCAGGCTCACTGATTAATAGCACCTACTACATGATGGATTTCTGTACGTCACCCC  
 CACACCGCTGCAGGCAGCCCGCGCGGGCAATGCTGTGCATACCCTGCTCCTGTATCGCCACCTGCTGAAC  
 CGGCAGGAGATCTCACCGACATTGCTGATGGGGATGCGACCCCTTGTGTTCCGCCAGTATGAGAGGATGT  
 TCAACACTACACGGATTCCAGGGGTGAAAAAGACCACCTTTGTACCTTCAAGACAGCCGACACGTTGGC  
 TGTCTTCCACCGGGGCAGATTCTTCCGTGATGGGACTCACTCTCCCAATGGCCTGCTTCCCCACGGGCC  
 CTGGAACAACAGTTCCAGGACATCTGGATGACCCCTCCCCAGCCTGTCCCTTGGAGAACACCTAGCTG  
 CTCTGACTGCTGCTCCCAGGAGTATGTGGGCTCAGGTGCGGGAGTCGGTGAAGACCCACGCAGCCACCGC  
 CCTGGAGGCTGTGGAAGGGGCTGCCTTCTTGTGTCCCTCGATTCTGAGCCCGGGGACTGACCAGAGAG  
 GACCCCGCAGCTTCCCTGGACGCTTATGCCACGCTCTGCTGGCTGGCCGAGGCCATGACCGCTGGTTTG  
 ACAAACTCCTTCAACCTCATCGTCTTCTCCAATGGGAAGCTGGGCCCTCAGCGTGAACACTCATGGGCCGA  
 CTGCCCTGTCTCAGGGCATTGTGGGAGTTCACCTGGCCACAGAGTGCTTCCAGTTGGTTATGCCACA  
 GATGGCCACTGTAAGGGGCACCTGACCCTACCCTGCCACAGCCCGAGCGCTGCAGTGGGACCTTCCAG  
 AGCAGATCCAGCCGTCCATCTCGCTGGCCCTGAGGGGAGCCAAGACCTTGTCTGGCAACATCGACTGCCA  
 CGTCTTCCCTTCTCCACTTCCGCAAGAGCTTCAATGCTGTCAAGTCTTTCAGACAGCTTCATC  
 CAGTTGGTCTGCAGCTGGCCACTTCCGGGACAGGGTCAATTCTGCCTGACTTATGAGTCAGCCATGA  
 CCCGACTGTTCTGGAAGGCAGGACAGAGACAGTGAAGTCTTGCACCAGAGAAGCCTGCCAGTTTGTGAG  
 AGCCATGGACAACAAGGAGACAGACCAACATTGCCTCGCCCTGTTCCGAGTGGCCGTGGACAAGCACCAG  
 GCTCTACTGAAGCGCGCATGAGTGGCCAGGGGATTGACCGTCACCTCTTTCAGCTGTACATCATGTCCC  
 GGCTCCTCCATATGCAGTCGCCCTTCTGACCCAGGTCCAGTTCGAGCAATGGCTGCTGTCCACCAGCCA  
 GGTCCCTGTGAGCAGACACACCTGATTGATGTCCACAATTATCCGGATTACGTTTCTCTGTGAGGTGGA  
 TTTGGGCTGCCATGACCATGGGTATGGTATCTCCTACATCTTTCATGGGGGAAAACGCAATCACCTTCC  
 ATATCTCCAGCAAGAAATCAAGCACAGAAAACAGACTCTCACCGGCTGGGGCAGCAGATCGAAAATGCCCT  
 GTTGGATGTAGCTCCCTGTTCCGGTGGACAGCATTCAAGCGCCAGTTCAGGGGGGAGAATTCGGAT  
 TATAGATACAACTTTCTCCTGTAAGACTGTGGACCCCAATACCCTACATCTCCACCAACTTGTGAG  
 CCCCTCAGCAGGGAGCTGGTCTCCCTCAGGATGGAAGGTGTTGCTCCAGGGCTTGGCTGGTGCAGACAG  
 GGGTATCGGGGATTCCCACACCCACCTGGTAATAAAGATGTGAGTTGGGTGCAGTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_153679

**Insert Size:** 2397 bp

**OTI Disclaimer:** 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>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>	<a href="#">BC066155</a> , <a href="#">AAH66155</a>
<b>RefSeq Size:</b>	2735 bp
<b>RefSeq ORF:</b>	2397 bp
<b>Locus ID:</b>	78070
<b>UniProt ID:</b>	<a href="#">Q8BGD5</a>
<b>Cytogenetics:</b>	7 B3
<b>Gene Summary:</b>	May play a role in lipid metabolic process.[UniProtKB/Swiss-Prot Function]