

## Product datasheet for **MC221477**

### **Cpt1b (NM\_009948) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cpt1b (NM_009948) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpt1b
Synonyms:	Cpt1; Cpt1-m; Cpti; Cpti-m; M-cpti
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221477 representing NM\_009948  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGAAGCACACCAGGCAGTAGCTTCCAGTTCAGTGTGACCCAGACGGGGTCGACTTCCGGCTTA  
 GTCGGGAGGCTCTGAGACACATCTACCTGTCTGGAATCAACTCCTGGAAGAAACGCCTTATTCGAATCAA  
 GAATGGCATCCTTAGGGGTGTGTACCCTGGCAGCCCCACCAGCTGGCTGGTTGTTGTCATGGCAACAGTT  
 GGTTCAACTACTGCAAGGTGGACATCTCCATGGGACTGGTGCATTGCATCCAGAGATGCCTCCCGGAAA  
 GGTATGGCCACTTTGGACCCACAGACAGAGGCATTCTCAGCATGGTCATCTTCTCCACCGGAGTCTG  
 GGCGACAGGCATTTTCTTCCGACAAACCTGAAGTGTCTCTCTACCACGGGTGGATGTTTCGAG  
 ATGCACAGCAAGACCAGCCATGCCACCAAGATCTGGGCTATCTGTGTCCGTCTCTGTCCAGCCGGCGGC  
 CCATGCTCTACAGCTTCCAAACGTCAGTGCCTAAGCTTCTGTCCCAGCGTGCCAGCCACAATTCACCG  
 GTACTTGGATTCTGTGCGGCCCTTATTGGATGATGAAGCATATTACCGCATGGAGACATTGGCCAAGGAA  
 TTCCAGGACAAGACTGCCCCAGGCTGCAGAAATACCTGGTGCTCAAGTCATGGTGGGCAACTAATATG  
 TGAGTGACTGGTGGGAAGAATATGTCTACCTCCGAAGCAGGAGCCCCCTCATGGTGAACAGCAACTATTA  
 TGCCATGGATTTTGTGCTTATTAAGAACAACAAATGTGCAAGCAGCCCGTCTAGGCAATGCCGTTACGCC  
 ATGATCATGTATCGCCGCAAACTGGACCGTGAAGAGATCAAGCCGGTTCATGGCACTGGGTATGGTCCCA  
 TGTGCTCTACCAGATGGAGAGGATGTTCAACACTACACGCATCCCAGGCAAAGAGACAGACTTGTACA  
 GCACCTCTCAGAGAGCAGGCACGTGGCTGTCTACCACAAGGTGCTTCTTCAAGGTCTGGCTCTATGAG  
 GGCTCGCGCTGCTCAAGCCCCGAGACCTGGAGATGCAGTTCAGAGAATCCTCGACGACCTTCCCCAC  
 CTCAGCCTGGGGAGGAGAAGCTGGCAGCCCTCACCGCAGGAGGAAGGGTAGAGTGGGAGGACAGGCACCA  
 GACCTTCTCAGCTCTGGCAAGAACAAGATGTCTCTGGACGCCATCGAAGGTGCTGCTTTCTTGTGACC  
 CTGGATGAAGATTCTCATTGCTACAACCTGACGATGAGACCAGTCTTAGCCTCTACGGCAAAGCCTTGC  
 TCCATGGCAACTGCTATAACAGGTGTTTGTGACAAATCTTTCACCTTATCTCTGCAAGAATGGCCTGTT  
 AGGCCTCAACACCGAACACTCGTGGCAGACGCGCCCATATTGGGCACCTCTGGGAGTTTGTCTGGGC  
 ACTGATACCTTTACCTGGGCTACACGGAGACAGGACACTGTGTGGTGAGCCAAACACCACGTTGCCAC  
 CCCCTCAGCGGCTGCCGTGGGACATTCCCAGCAGTGCCGGGAAGCCATCGAGAACTCGTACCAAGTAGC  
 CAAGGCACTGGCCGATGACGTGGAGCTCTACTGCTTCCAGTCTTACCCTTTGGCAAAGGTCTTATCAAG  
 AAGTGTAGGACCAGCCCCGACGCTTTTGTGCGAGATTGCCCTACAGCTGGCTCATTTCGGGACAAAGGCA  
 AGTTCTGCTGACTTACGAGGCCTCGATGACAAGAATGTTCCGAGAGGGGCGGACTGAGACTGTGCGTTC  
 CTGTACCAACGAGTCCGACGCTTTGTGCAAGGCCATGATGAAGGGTCCCATAAGAAACAAGACCTCCAA  
 GATCTCTTCCGGAAAGCCTCCGAAAAGCACAAAACATGTACCGCTAGCCATGACAGGGGCTGGGATCG  
 ACCGGCACCTTCTGCTTTACATCGTCTCCAAGTACTAGGAGTTAGCTCTCCTTTCTGGCTGAGGT  
 ACTTTCTGAACCTGGAGCCTCTCCACCAGCCAGATCCCCAGTTCAGATCTGCATGTTTGACCCAAA  
 CAGTATCCCAATCATCTGGGTGCTGGAGGTGGCTTTGGTCCCCTGGCGGATGATGGCTACGGGGTCTCTT  
 ACATGATCGCAGGAGAAAAACCATGTTCTTCCACATCTCCAGCAAATACTCAAGTTCAGAGACGAAACGC  
 CCAGCGCTTTGGAAACCACATCCGCCAAGCACTGTTGGACATCGCCGAACCTTTCAAATTTCCAAGACA  
 GACAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_009948  
**Insert Size:** 2319 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>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="#">NM_009948.2</a> , <a href="#">NP_034078.2</a>
<b>RefSeq Size:</b>	2894 bp
<b>RefSeq ORF:</b>	2319 bp
<b>Locus ID:</b>	12895
<b>UniProt ID:</b>	<a href="#">Q924X2</a>
<b>Cytogenetics:</b>	15 44.89 cM