

## Product datasheet for **RN202986**

### **Cpt1c (NM\_001034925) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cpt1c (NM_001034925) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpt1c
Synonyms:	CPT1-B; CPTI-B; CPT IC
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202986 representing NM\_001034925  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGAGGCACACCAGGCCTCGAGCTTGTCTTCACTCAGTCCGACGGGGCAGAAGTGGAGCTCA  
 GCTCCTCAGTGTGGCAGGAGATTTACCTCTCTGCCCTACGCTCCTGGAAAAGGAATCTCTGGCGTGTCTG  
 GAATGACTTTTCTTGTGGTGTGGTCCCGCAACGCCCTCAGCTGGCTTTTCTTCTTCACTACAATCCAG  
 CTTGCTTGTCTCCTCCAGCTGGACCTTCCCTAGGACTGATGGAGAAGATTAAAGAGTTGCTGCCAGACT  
 GGGGGCAGACACCAGCTCCAGGGCTCCTGGCAGCAGCAGTCTTTGCCTCGTGTGGGGAAAC  
 CCTGATCTTACACTTCACTGTGGCTCTGAGGCTCCTGCTGTCCCACCACGGCTGGCTTCTGGAACCTCAT  
 GGCACCATGTCTCACCACGAAGACCTGGCTGGCATTGGTCAGAATCTTTTCGGGGAGGCACCCGAGGC  
 TCTTCAGCTTTCAACGTGCGCTCCCGCGCAGCCAGTCCCGGAGCGCAAGAGACCGTGCACAAGTACCT  
 AGAGTCCATGCGCCCTGTCTCCGAGACGACGCTTTCGACAGCGTTGTGGCGCTGGCAAACGACTTCTCTG  
 AGGTTGACAGGCGCCACGACTCCAGCTCTATTTGCAACTCAAGTCTGGTGCCTTCCAACACTACGTACGGC  
 ACTGGTGGGAAGAGTTTGTGTACCTGCGTTCTCGAGGCTCGCTGGTTAATAGCACCTACTACATGATGGA  
 TTTTCTGTATGTCACCCCAACCACTGCAGGCAGCCCGTGCGGGCAATGCCGTGCATACCTGCTCCTG  
 TATCGCCACCTTCTGAACCGGCAGGAGATCCCACCGACCTTGTGATGGGGATGCGCCCTTGTGCTCCG  
 CCCAGTACGAGAGGATGTTCAACACTACACGGATTCCAGGGGTGGAAAAGACTACCTTTGTACCTCCA  
 AGACAGCCAACATGTGGCTGTCTCCACAGGGCAGATTCTTCCGTGTAGGGACCACTCTTCCAATGGC  
 CTGTGTCCCCACGGGCCCTGGAACAGCAGTTCAGTACATCCTGGATGACCCCTCCCAGCCTGTCCCC  
 TTGAGGAACACTAGCTGCTTTGACTGCCGCTCCAGGAGTATGTGGGCCAGGTACGTGAGTCTGTGAA  
 GACCCATGCGGCCACTGCCCTGGAGACTGTGGAAGGGGCTGCCTTCTTTGTGTCCCTGGATTCTGAGCCC  
 GCGGGACTGACCAGAGAGAACCCTCGAGCTTCCCTGGACACCTATGCCACACTCTGCTGACTGGCCAAG  
 GCCATGACCGTTGGTTTGACAAATCCTTACCCTCATCGTCTTCTCCAACGGGAAGCTGGGCCTCAGCGT  
 GGAGCACTCATGGGCTGACTGCCCTGTGCGGGACATTTATGGGAGTTCACCCTGGCCACAGAGTGTCTT  
 CAGTTGGGATATGCCACAGATGGCCACTGAAGGGGCACCCGACCTGCCCTGCCGAAGCCCCAGCGCC  
 TGCAGTGGGACCTTCAAAGCAGATCCAGCCGTCCATCTCTGCGCCCTGAGGGGAGCCAAGACCTTGTC  
 TGGCAATATTGACTGCCATGTCTCCCCTTCTTCACTTCGGCAAGAGCTTCATCAAAGGCTGTCATGTC  
 TCTTCAGACAGTTTCATCCAGCTGGTCTCGAGCTGGCCACTTCCGGGACAGGGGTCAATTCTGCCTGA  
 CTTATGAATCAGCCATGACCCGACTGTTTCTGGAAGGCAGGACGGAGACGGTGTGAGTCTTGCATAGAGA  
 GGCTGCCAATTTGTGAGAGCCATGGAAAACAAGGAGAGGACAGACCAACAGTGCCTTGCCTGTTCCGG  
 GAAGCCGTGGACAAGCACCAGGCCCTGTGAAGGCAGCAATGAGTGGGCAAGGGATCGACCGTCACTCT  
 TCGCACTGTACATCATGTCCCGCTTCTCCACATGCAGTCGCCCTTCTGACCCAGGTCCAGTCCGACGA  
 ATGGCTTCTGTCTACCAGCCAGATCCCTGTGCAGCAGACACCTGTTCGATGTCCACAATTACCCGGAT  
 TATGTTTCTCTGGAGGTGGATTTGGGCCTGCCATGACCATGGGTATGGCGTCTCGTATATCTTCATGG  
 GGGAAAACGCAATCAGCTTCCACATCTCCAGCAAGCAATCAAGCACAGAAACAGACTCACACCGGCTGG  
 GCAGCACATTGAAGATGCCCTGTTGGATGTAGCCTCCCTGTTCCAGGCTGGACAGCAATTCAGCGCCAG  
 TTCACAGGGCTCGGGGAGAGTTACAGTTGGAAATACAGCAATCTCTCCTGTAAGACTGTGGACCCCAATA  
 TCCCAAAATCCTCCACCAACTT**GTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001034925  
**Insert Size:** 2406 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_001034925.2</a> , <a href="#">NP_001030097.2</a>
<b>RefSeq Size:</b>	2747 bp
<b>RefSeq ORF:</b>	2406 bp
<b>Locus ID:</b>	308579
<b>UniProt ID:</b>	<a href="#">F1LN46</a>
<b>Cytogenetics:</b>	1q22
<b>Gene Summary:</b>	May play a role in lipid metabolic process.[UniProtKB/Swiss-Prot Function]