

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
CACGGGGACTGGATGTATGTACATGGGAACTGGGTACTGGACTCAAAGTGGGGGAAGGAGGTGTATATG
GAATTGACCTCAGGAACGGCAGCTGTGACCTCTGACCGGGGCCAGGGAACATGGCTGAGGCACACCAG
GCCTCGAGCTTGCTGTCTTCACTGAGTTCGATGGGGCAGAAGTAGAGCTCAGCTCGCCAGTGTGGCAGG
AAATTTACCTCTGTGCCCTGCGCTCCTGGAAAAGGCATCTCTGGCGTGTCTGGAATGACTTTCTTGCTGG
TGTGGTCCCTGCAACCCCTCAGCTGGCTCTTCTCTTCACTACAATCCAGCTTGCCCTGTCTCTCCAG
CTGGACCCTTCCCTAGGACTGATGGAGAAGATTAAAGAGTTACTGCCAGACTGGGGCGGACAGCACCATC
AGCTCCAGGGGCTCTTGTGAGCAGCAGTTTTGTGATCTTGTGTTTGTGGGGAGCCCTCATCTTCACCTTCA
TGTGGCTCTGAGGCTCCTTCTGTCCACCATTGGCTGGCTTCTGGAACCTCATGGCGCCATGTCTCACCC
ACGAAGACCTGGCTGGCATTGGTCAGAATCTTTTCCGGGAGGCACCCGAGGCTCTTCAGCTTCCAACGCG
CGCTCCCGCAGACAGCAGTGGCTCGGCGCAGGAGACCGTGCAGAAAGTACCTAGAGTCTGTACGCCCTGT
GCTCAGAGACGACGCTTTCGACCGCGCTACAGCGCTGGCAATGACTTCTGAGGTTGCACGCACCACGG
CTACAGCTCTATTTGCAACTCAAGTCTGGTGTACTTCCAACACGTGAGCGACTGGTGGGAAGAGTTTG
TGTACCTGCGCTCTCAGGCTCACTGATTAATAGCACCTACTACATGATGATTTTCTGTACGTACCCCC
CACACCGCTGCAGGCAGCCCGCGCGGGCAATGCTGTGCATACCCTGCTCTGTATCGCCACCTGTGTAAC
CGGCAGGAGATCTCACCGACATTGCTGATGGGGATGCGACCCCTGTGTTCCGCCAGTATGAGAGGATGT
TCAACACTACACGGATTCCAGGGGTGAAAAAGACCACCTTTGTACCTTCAAGACAGCCGACACGTGGC
TGTCTTCCACCGGGGAGATTCTTCCGTGTAGGGACTCACTCTCCCAATGGCCTGCTTTCCACCGGGCC
CTGGAACAACAGTTCCAGGACATCTGGATGACCCCTCCCGAGCTGTCCCTTGGAGAACACCTAGCTG
CTCTGACTGCTGCTCCAGGAGTATGTGGGCTCAGGTGCGGGAGTCGGTGAAGACCCACGCAGCCACCGC
CCTGGAGGCTGTGGAAGGGGCTGCCTTCTTGTGTCCTCGATTCTGAGCCCGCGGGACTGACAGAGAG
GACCCCGCAGCTTCCCTGGACGCTTATGCCACGCTCTGCTGGCTGGCCGAGGCCATGACCGTGGTTTG
ACAAATCCTTCCACCTCATCGTCTTCTCCAATGGGAAGCTGGGCCCTCAGCGTGGAACACTATGGGCCGA
CTGCCCTGTCTCAGGGCATTGTGGGAGTTCACCTGGCCACAGAGTGTTCAGTTGGGTATGCCACA
GATGGCCACTGTAAGGGGACCCGTACCCCTACCCTGCCACAGCCCGAGCGCTGCAGTGGGACCTTCCAG
AGCAGATCCAGCGTCCATCTCGCTGGCCCTGAGGGGAGCCAAGACCTTGTCTGGCAACATCGACTGCCA
CGTCTTCCCTTCTCCACTTCCGCAAGAGCTTCATCAAATGCTGTCAAGTCTCTTCAGACAGCTTCATC
CAGTTGGTCTGCAGTGGCCACTTCCGGACAGGGGTCAATTCTGCCTGACTTATGAGTCAGCCATGA
CCCGACTGTTCTGGAAGGCAGGACAGACAGTGAAGTCTTGACCCAGAGAAGCCTGCCAGTTTGTGAG
AGCCATGGACAACAAGGAGACAGACCAACATTGCCTCGCCCTGTTCCGAGTGGCCGTGGACAAGCACCAG
GCTCTACTGAAGCGGCGATGAGTGGCCAGGGGATTGACCGTCACCTCTTGCAGTGTACATCATGTCCC
GGCTCCTCCATATGCAGTCGCCCTTCTGACCCAGGTCCAGTTCGAGCAATGGCTGCTGTCCACCAGCCA
GGTCCCTGTGCAGCAGACACACCTGATTGATGTCCACAATTATCCGGATTACGTTTCTCTGAGGTGGA
TTTGGGCTGCCATGACCATGGGTATGGTATCTCCTACATCTTCATGGGGGAAAACGCAATCACCTTCC
ATATCTCCAGCAAGAAATCAAGCACAGAAACAGACTCTCACCGGCTGGGGCAGCAGATCGAAAATGCCCT
GTTGGATGTAGCTCCCTGTTCCGGTTGGACAGCATTTCAAGCGCCAGTTCAGGGGGGAGAATTCGGAT
TATAGATACAACTTTCTCTCTGTAAGACTGTGGACCCCAATACCCCTACATCTCCACCAACTTGTGAG
CCCCTCAGCAGGGAGCTGGTCTCCCTCAGGATGGAAGGTGTTGCTCCAGGGCTTGGCTGGTGCAGACAG
GGGTATCGGGGATTCCACACCCACCTGGTAATAAAGATGTGAGTTGGGTGCAGTAAAAAAAAAAAAA AAAAA

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).

Components:	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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC066155 , AAH66155
RefSeq Size:	2735 bp
RefSeq ORF:	2397 bp
Locus ID:	78070
UniProt ID:	Q8BGD5
Cytogenetics:	7 B3
Gene Summary:	May play a role in lipid metabolic process.[UniProtKB/Swiss-Prot Function]