

Product datasheet for **MC203355**

Pcyt1b (NM_211138) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcyt1b (NM_211138) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcyt1b
Synonyms:	AW045697; CTTbeta
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC048917
 AAAGAAGGGAAGAAGAAGGGGGATGGGTAGGGAAGAGAAAAATACGTGACAAAGAAAACATTCTTTGCCT
 GGGAGGAGACTCCCAGAGGGTGTAGAGCTGGAGGGAGCATTCACTGGCCATGCCAGTACTTACCAGTAT
 GCTGAGTCAGAAACAGGTATCCCAAAATCCCTTCCAATGAGCCTCCCTCAGAAACCATGGAGGAAATAG
 AGCACACATGCCACAGCCTCGACTGACCCTGACTGCACCAGCCCCATTTGCTGATGAATCCAGCTGCCA
 GTGCCAAGCACCTCATGAAAAACTGACCCTTCCACTCAGGTACGCAAGGGCCTTATGCAAGCAAAAA
 CACTGTTTCCCAACAGCTACTTGTGGTAGGAGTTTGCAGTGATGACCTTACTCAGAAATTCAGAGTTT
 TACTGTGATGAACGAGGCAGAGAGATATGAAGCTCTCAGACACTGTCGATACGTGGATGAAGTCATCAGA
 GACGCGCCATGGACTCTTACTCCAGAGTTTCTGGAAAAACACAAGATTGACTTTGTGGCTCACGATGATA
 TTCCATACTCCTCTGCTGGTTCTGATGACGTTTATAAGCATATCAAGGAAGCAGGCATGTTTGTCCAAC
 ACAAGAACAGAAAGGCATCTCAACATCAGACATCATCACCAGAATTGTCCGTGACTATGATGATATGCC
 CGGCGTAATCTCCAGAGAGGGTACACAGCAAGGAGCTGAACGTCAGCTTATAAACGAGAAGAAGTACC
 GTTTCAGAACAGGTGGACAAGATGAAAGAAAAGGTCAAGAATGTGGAAGAAAGATCAAAGGAGTTTGT
 TAACAGAGTAGAAGAAAAGAGTCATGACCTAATTCAAAAGTGGGAAGAAAAATCAAGAGAGTTTATTGGC
 AACTTCCTGGAAGTGTGGGCCAGATGGTGCATGGAAGCAGATGTTCCAGGAGAGGAGTAGCCGGATGC
 TGCAGGCATTATCTCCAAGCAGAGTCTGTGAGCAGCCGACCCGGAGCCGGTCCCCTTCTCGCTCC
 ATCTCCTACCTTCTCCTGGCTCCCAACAAGACCTCTCCCCCTCCTCACCCAAAGCAGCCTCAGCCTCC
 ATCAGCAGCATGAGCGAGGGGGATGAGGATGAGAAGTAAAGGTGCCTGGTCAACAAGAGCACACCACACA
 GGATGGGAAGGGCTCCCGGGATGCCTGGGTGGTGTGAGAGCTGCAGCTCTGCTGGGAGACGGGAGTTCT
 GCCATGGGAGTTACTAGGGCCAGCTCTTTTCTTCTCCATTCACTGCTGGCTGGCTCAGCATGGAGGT
 TTCTGACCTGAAAACCCACACAGACCTTGTAGCATCTAGAAGCACCCCTCACTTTAGCCCTGCTATGGA
 AAGGTGCAGAACTCCATGAAGTGGGATGAGTTCTGCTTTGGTCCACACATCTATCTGTAGCCAATAAG
 CCACCCGAGATGTGGCTGCTGCCTCGCCCTGCCCTCTCCAGTCCCTCAAAGAGCCTTGCAGTTGCCCC
 TGTCAACCATGCTCTCCAGAATGAATTCCTTCCACAATGGGCAAAGTTCAGCCTTCCAGTACAGCC
 ACTAAGGCTGGATGGAATGCACCAACCCTTCCCATTTCAAGACCTGCCTCAGACGCAGCTTCGCGTTG
 GTCAGATAGAAAAGTGTGACCCTAATCTCTCACTCAAAGGACAGTTGTGTCAAGGTGAACTCCACCCAA
 GGCCTGCCATGCTTCTGGCTGTACATTTTCTCTTTGGCATGAGGAGACTGTTTTCCAGAAATTACCTGA
 ATTGATGGGAATCACAGCAAGGAAGCCGCTTATCTAAAAAAGAAATAACCACACAAACCTTCTAGCA
 GGAGCTGCGCTGCTTTGGCTCCATGTATGGAAGATGAAAAATATCTCTTGGAGCTTCTTAAAGGATCAGC
 TCTTTCCATTTCTGACCACATCACAGTTTATAGACTCGAATAACAGTTTGTATGTAACAAACACTTAGTAT
 ACCGATAGGGGGTGTACCTGCACGTATCTGTTCTATGTATCCTCCAATATGCCACCCAGGGTGTATCC
 CATATGCAATATGAATCTATGGTGGTGGTGGTGGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_211138
- Insert Size:** 1110 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.

RefSeq: [BC048917](#), [AAH48917](#)

RefSeq Size: 2231 bp

RefSeq ORF: 1110 bp

Locus ID: 236899

UniProt ID: [Q811Q9](#)

Cytogenetics: X C3

Gene Summary: Controls phosphatidylcholine synthesis.[UniProtKB/Swiss-Prot Function]