

Product datasheet for RN214938

Pcyt1a (NM_078622) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcyt1a (NM_078622) Rat Untagged Clone
Tag: Tag Free
Symbol: Pcyt1a
Synonyms: CCT-alpha; CTP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214938 representing NM_078622
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATGCACAGAGTTCAGCTAAAGTCAATTCAAGGAAGAGGAGGAAAGAGGTACCTGGCCCTAATGGAG
CAACAGAGGAAGATGGAATTCCTTCAAAGTGCAGCGCTGTGCAGTTGGTTTACGGCAGCCAGCTCCTTT
TTCTGATGAAATTGAAGTTGACTTTAGTAAGCCCTATGTCAGGGTGACTATGGAAGAAGCCTGCAGGGGA
ACTCCTTGTGAGCGCCCTGTGAGAGTTTATGCGGATGGAATATTTGACTTATTTCACTCTGGTCACGCC
GGGCTCTGATGCAAGCAAGAACCTTTCCCTAATACATATCTCATCGTGGGAGTCTGCAGTGATGAGCT
AACGCACAACCTCAAGGGCTTCACTGTGATGAACGAAAATGAACGTTACGACGCGGTGCAGCACTGCCGT
TACGTAGACGAGGTGGTGAAGAACGCCCTGGACTCTGACGCCCGAGTTCCTGGCGGAGCACCGGATTG
ATTTCTGTCGCCCATGACGATATCCCTACTCTTCGGCAGGGAGCGACGATGTGTATAAGCACATCAAGGA
AGCAGGCATGTTTGCTCCACACAGAGGACAGAAGGCATCTCCACATCAGACATCATCACC CGCATTGTC
CGTGACTATGATGTGATGCAAGACGGAACCTGCAGAGAGGTACACTGCCAAGGAGTCAATGTCAGCT
TTATCAACGAAAAGAAATACCACTTGAAGAAGAGTTGATAAGGTAAGAAGAAAGTGAAGATGTGGA
GGAAAAGTCAAAAGAATTTGTGCAGAAAGTGGAGGAGAAGAGCATCGACCTCATCCAGAAGTGGGAGGAG
AAGTCCCAGAGTTCATTGGAAGTTTCTGAAAATGTTTGGTCCAGAAGGAGCGCTGAAGCACATGCTGA
AAGAGGGAAAAGGTGGATGCTGCAGGCCATCAGTCCCAAGCAGAGTCCCAGCAGCAGCCCTACTCATGA
GCGCTCCCCCTCCCCCTCTTTCGGTGGCCCTTCTCTGGCAAGACTTCCCCATCTTCTCCCCAGCAAGT
CTCTCTAGGTGCAAGGCTGTGACCTGTGACATCAGCGAGGATGAAGAGGACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_078622



[View online »](#)

Insert Size:	1104 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:	<ol style="list-style-type: none">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:	<u>NM_078622.2</u> , <u>NP_511177.2</u>
RefSeq Size:	1567 bp
RefSeq ORF:	1104 bp
Locus ID:	140544
UniProt ID:	<u>P19836</u>
Cytogenetics:	11q22
Gene Summary:	catalyzes rate-limiting synthesis of phosphatidylcholine; plays a key role in cell membrane synthesis and in supply of lipid second messenger [RGD, Feb 2006]