

## Product datasheet for **RN208106**

### **Ppp3cc (NM\_134367) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ppp3cc (NM_134367) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp3cc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208106 representing NM\_134367  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCGGGAGGGCGCCCTCAGTTCTCCAGCACCAGCGCGTCATCAAAGCTGTCCCTTTCTCCAACCC  
 GACGGCTAACTTTGAAGGAAGTATTTGAGAATGGGAAACCTAAAATGGATGTTTTGAAAAACCATTTGGT  
 AAAAGAAGGCCGGGTAGAAGAGGACGTAGCCTTAAAGATAATCAATGATGGGGCTGCCATCCTGAAGCAA  
 GAGAAGACTATGCTAGAAGTGAAGCTCCAATCACAGTGTGTGGTATGTTTATGGACAATCTTTGACC  
 TGATGAAGTTGTTTGAAGTTGGGGGATCACCTAGTAATACTCGCTACCTTCTCTGGGTGACTATGTGGA  
 CAGAGGCTATTTAGTATAGAGTGTGTGCTGTATCTGTGGAGCTTAAAGATTAACCATCTAAAACATTG  
 TTTCTGCTTCGAGGGAATCATGAATGCAGGCATTTACAGAGTACTTCACCTTCAAACAAGAAATGTCGGA  
 TCAAGTATTCAGAGCTGGTGTACGAAGCGTGCATGCACACTTTCGACTGTCTTCTTGTGCCCTCTT  
 AAACCAGCAGTTTCTCTGTGTACACGGAGGAATGTCTCCTGAAATTAAGTTTGTAGACGACATTAGGAAA  
 TTAGATAGGTTTCTGCTGAACCTCCTGCATTTGGGCCAGTGTGCGATCTGCTTTGGTCTGATCCCTTAGAGG  
 ATTATGGTAGTGAGAAGACCCTGGAGCACTACACCCACAACACTGTCCGAGGCTGCTCCTACTTCTTCAG  
 TTACCCTGCAGTTTGTGAATTTTACAGAACAATAGTTTATTATCAATAATCAGAGCCCATGAAGCCGAG  
 GATGCTGGGTACCGAATGTACAGGAAGAACAAGCAACTGGCTTTCCATCACTCATTACAATTTTCTCTG  
 CCCCCAATTACCTAGATGTCTATAACAATAAAGCTGCAGTATTGAAATATGAAAAAATGTCATGAACAT  
 CAGGCAGTTCACTGTTCTCCACACCCTTACTGGCTCCCAAATTCATGGATGTTTTACATGGTCTTTG  
 CCTTTTGTGGAGAAAAAGTACAGAGATGTTGGTCAATATTCTCAACATATGCTCGGATGAAGAAATGT  
 CCTTAGTGAAGGGAAGGAGCCACTTCAGTTCGAAAAGAAGTGCATCAGGAATAAAATCCGAGCCATTGG  
 GAAAAATGGCACGGGTCTTTACAGTTCCTCGGGAAGAGAGTGAGAATGTGCTGATTCTCAAGGCCCTCACT  
 CCCACAGGCACACTCCCCTCGGGTCTCTCTGAGGAAAGCAGACCATTGAGACTGCCAAACTACAAG  
 CAGCAGAGGAGCGGGAAGCCATCAGAGTTTTACAATTGCACACAGGATCCGAAGTTTTGAAGAAGCCCG  
 AGGTCTAGACCGAATTAATGAGAGAATGCCACCCCGAAAAGAGGCTTCTTATCACCATGATGCAGGAAAG  
 ACACACCCACACCCGTCAAAAAGGAGCGACCATGGAAAGAAGCCCTGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_134367
- Insert Size:** 1521 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:** [NM\\_134367.1](#), [NP\\_599194.1](#)

**RefSeq Size:** 1842 bp

**RefSeq ORF:** 1521 bp

**Locus ID:** 171378

**Cytogenetics:** 15p11

**Gene Summary:** involved in skeletal muscle hypertrophy and fiber type conversions [RGD, Feb 2006]