

## Product datasheet for RN203973

### Ppp1cc (NM\_022498) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ppp1cc (NM\_022498) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ppp1cc  
**Synonyms:** PP-1G; Ppp1cc1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN203973 representing NM\_022498  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGCGGATATCGATAAACTCAACATCGACAGTATCATCCAACGGCTGCTGGAAGTGAGAGGGTCCAAGC  
 CAGGCAAGAATGTCCAGCTCCAGGAGAATGAAATCCGGGGACTGTGCTTGAAGTCTCGGGAGATCTTCTCT  
 CAGTCAGCCTATCCTTTTGAAGTGAAGCACCCTCAAGATATGTGGTGACATCCAGGGCAGTACTAT  
 GATTTGCTCCGTCTGTTTGAATACGGTGGCTTTCTCCAGAAAGCAACTATTTGTTTCTCGGGACTATG  
 TGGACAGGGGCAAAACAGTCACTAGAGACGATCTGCCTCTTGTCTGCGCTACAAAATCAAGTATCCGGAGAA  
 CTTTTTCTTCTTAGAGGGAACCATGAGTGTGCCAGCATCAATAGAATCTACGGATTTTATGATGAGTGT  
 AAGAGAAGATACAACATTAAGCTGTGAAAACGTTACAGACTGTTTTAACTGCTTACCGATAGCAGCCA  
 TCGTGGACGAGAAGATATTCTGCTGTCTGGAGGTTTATCACCAGATCTCAATCTATGGAGCAGATTTCG  
 GCGAATTATGAGACCAACTGATGTACCAGATCAAGGTCTTCTTTGTGATCTTTTGTGGTCTGACCCCGAT  
 AAAGATGTCTTAGGCTGGGTGAAAATGACAGAGGAGTGCCTTCACATTTGGTGCAGAAGTGGTTGCAA  
 AATTTCTCCATAAGCATGATTTGGATCTTATATGTAGAGCCCATCAGGTGGTTGAAGATGGATATGAGTT  
 TTTTGCAAAGAGGAGTGTAGTCACTCTGTTTTCTGCACCACTACTGTGGCGAGTTTGACAATGCGGGC  
 GCCATGATGAGTGTGGATGAGACCTCATGTGCTCCTTCCAGATTTTAAAGCCTGCAGAGAAAAAGAAGC  
 CCAATGCCACGAGACCTGTACACCCGCCACGGGTATGATCACAAAGCAAGCAAAGAAA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_022498  
**Insert Size:** 972 bp



[View online »](#)

<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_022498.2</a> , <a href="#">NP_071943.1</a>
<b>RefSeq Size:</b>	2375 bp
<b>RefSeq ORF:</b>	972 bp
<b>Locus ID:</b>	24669
<b>UniProt ID:</b>	<a href="#">P63088</a>
<b>Cytogenetics:</b>	12q16
<b>Gene Summary:</b>	one of several catalytic subunit isoforms of protein phosphatase 1 [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript and encodes the shorter protein (isoform 1).