

Product datasheet for **RR216400**

Ppp1cc (NM_001270983) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp1cc (NM_001270983) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ppp1cc
Synonyms: PP-1G; Ppp1cc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216400 representing NM_001270983
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGATATCGATAAACTCAACATCGACAGTATCATCCAACGGCTGCTGGAAGTGAGAGGGTCCAAGC
CAGGCAAGAATGTCCAGCTCCAGGAGAATGAAATCCGGGGACTGTCTTGAAGTCTCGGGAGATCTTCTCT
CAGTCAGCCTATCCTTTTGAAGTGAAGCACCCTCAAGATATGTGGTGACATCCACGGGCAGTACTAT
GATTTGCTCCGCTGTGTTGAATACGGTGGCTTTCTCCAGAAAGCAACTATTTGTTTCTCGGGACTATG
TGGACAGGGGCAAACAGTCACTAGAGACGATCTGCCTCTTGCTGGCTACAAAATCAAGTATCCGGAGAA
CTTTTTTCTTCTAGAGGGAACCATGAGTGTGCCAGCATCAATAGAATCTACGGATTTTATGATGAGTGT
AAGAGAAGATACAACATTAAGCTGTGAAAACGTTACAGACTGTTTTAACTGCTTACCGATAGCAGCCA
TCGTGGACGAGAAGATATTCTGCTGTGATGGAGTTTATCACCAGATCTTCAATCTATGGAGCAGATTTCG
GCGAATTATGAGACCAACTGATGTACCAGATCAAGGTCTTCTTTGTGATCTTTTGGTCTGACCCCGAT
AAAGATGTCTTAGGCTGGGTGAAAATGACAGAGGAGTGCCTTACATTTGGTGCAGAAGTGGTTGCAA
AATTTCTCCATAAGCATGATTTGGATCTTATATGTAGAGCCCATCAGGTGGTTGAAGATGGATGAGTT
TTTTGCAAAGAGGAGTGTAGTCACTCTGTTTTCTGCACCACTACTGTGGCGAGTTTGACAATGCGGGC
GCCATGATGAGTGTGGATGAGACCTCATGTGCTCCTTCCAGATTTTAAAGCCTGCAGAGAAAAAGAAGC
CCAATGCCACGAGACCTGTACACCGCCACGGTTGGATCAGGCCTGAACCCGTCCATTCAGAAAGCTTC
AAATTATAGAAACAACACTGTCTATACGAG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001270983.1 , NP_001257912.1
RefSeq Size:	1493 bp
RefSeq ORF:	1014 bp
Locus ID:	24669
Cytogenetics:	12q16
MW:	38.5 kDa
Gene Summary:	one of several catalytic subunit isoforms of protein phosphatase 1 [RGD, Feb 2006]