

Product datasheet for **RR208106**

PPP3CC (NM_134367) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP3CC (NM_134367) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP3CC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR208106 representing NM_134367
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGGAGGGCGCCCTCAGTTCTCCAGCACCAGCGCGTCATCAAAGCTGTCCCTTTCTCCAACCC
 GACGGCTAACTTTGAAGGAAGTATTTGAGAATGGGAAACCTAAAATGGATGTTTTGAAAAACCATTTGGT
 AAAAGAAGGCCGGGTAGAAGAGGACGTAGCCTTAAAGATAATCAATGATGGGGCTGCCATCCTGAAGCAA
 GAGAAGACTATGCTAGAAGTGAAGCTCCAATCACAGTGTGTGGTGTGTTGATGGACAATCTTTGACC
 TGATGAAGTTGTTGAAGTTGGGGGATCACCTAGTAATACTCGCTACCTCTTCTGGGTGACTATGTGGA
 CAGAGGCTATTTAGTATAGAGTGTGTGCTGTATCTGTGGAGCTTAAAGATTAACCATCTAAAACATTG
 TTTCTGCTTCGAGGGAATCATGAATGCAGGCATTTACAGAGTACTTACCTTCAAACAAGAAATGTCGGA
 TCAAGTATTCAGAGCTGGTGTACGAAGCGTGCATGCACACTTTCGACTGTCTTCTTGTGCCCTCTT
 AAACCAGCAGTTTCTGTGTACACGGAGGAATGTCTCCTGAAATTAAGTTTGTAGACGACATTAGGAAA
 TTAGATAGGTTTCTGTAACCTCCTGCATTTGGGCCAGTGTGCGATCTGCTTTGGTCTGATCCCTTAGAGG
 ATTATGGTAGTGAGAAGACCCTGGAGCACTACACCCACAACACTGTCCGAGGCTGCTCCTACTTCTCAG
 TTACCCTGCAGTTTGTGAATTTTACAGAACAATAGTTTATTATCAATAATCAGAGCCCATGAAGCCAG
 GATGCTGGGTACCGAATGTACAGGAAGAACAAGCAACTGGCTTTCCATCACTCATTACAATTTTCTCTG
 CCCCCAATTACCTAGATGTCTATAACAATAAAGCTGCAGTATTGAAATATGAAAAAATGTCATGAACAT
 CAGGCAGTTCACTGTTCTCCACACCCTTACTGGCTCCCAAATTCATGGATGTTTTACATGGTCTTTG
 CCTTTTGTGGAGAAAAAGTCACAGAGATGTTGGTCAATATTCTCAACATATGCTCGGATGAAGAAATGT
 CCTTAGTCGAAGAGGAAGGAGCCACTTCAGTTCGAAAAGAAGTATCAGGAATAAAATCCGAGCCATTGG
 GAAAATGGCACGGGTCTTTACAGTCTTCGGGAAGAGAGTGAAGTGTGCTGATTCTCAAGGGCCTCACT
 CCCACAGGCACACTCCCCTCGGGTCTCTCTGGAGGAAAGCAGACCATTGAGACTGCCAACTACAAG
 CAGCAGAGGAGCGGGAAGCCATCAGAGTTTTACAATTGCACACAGGATCCGAAGTTTTGAAGAAGCCG
 AGGTCTAGACCGAATTAATGAGAGAATGCCACCCCGAAAAGAGGCTTCTTATCACCATGATGCAGGAAA
 ACACACCCACACCCGTCAAAAAGGAGCGACCATGGAAAGAAAGCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208106 representing NM_134367
 Red=Cloning site Green=Tags(s)

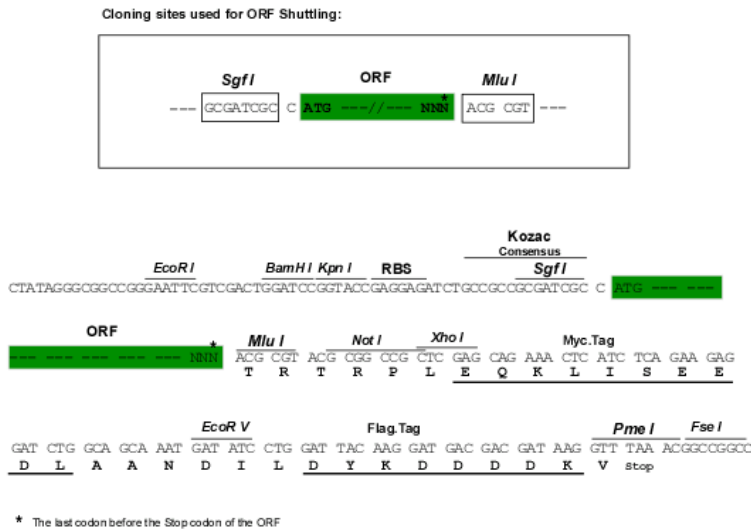
MSGRRPQFSTTERVIKAVFPFTRRLTLKEVFENGKPKMDVLKNHLVKEGRVEEDVALKIINDGAAILKQ
 EKTMLVEEAPITVCGDVHGQFFDLMKLFEVGGSPSNTRYLFLGDYVDRGYFSIECVLYLWSLKINHPKTL
 FLLRGNHECRHLTEYFTFKQECRIKYSSELVYECMHFTDCLPLAALLNQQLCVHGGMSPEITCLDDIRK
 LDRFAEPPAFGPVCDLLWSDPLEDYGSEKLEHYTHNTVRGCSYFFSYPAVCEFLQNSLLSIIRAHEAQ
 DAGYRMYRKNQATGFPSLITIFSAFNLDVYNNKAAVLKYENNVNIRQFNCSPPHYWLPNFMDFVTWSL
 PFVGEKVTEMLVNILNICSDEEMSLVEEAGTSVRKEVIRNKIRAIKMARVFTVLREESENVLILKGLT
 PTGTLPLGVLSGGKQTIETAKLQAAEEREAIRGFITIAHRIRSFEEARGLDRINERMPPRKEASYHHDAGK
 THPHPSKRSDHGKAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_134367

ORF Size: 1518 bp

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:

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

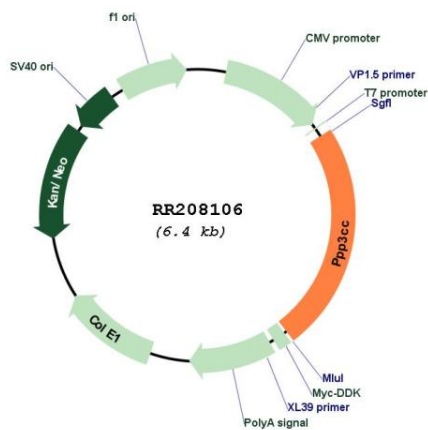
Locus ID: 171378

Cytogenetics: 15p11

MW: 57.8 kDa

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

Product images:



Circular map for RR208106