

Product datasheet for **RN203861**

PPP2CA (NM_017039) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp2ca (NM_017039) Rat Untagged Clone
Tag: Tag Free
Symbol: Ppp2ca
Synonyms: Pp2a1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203861 representing NM_017039
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACGAGAAGTTGTTACCAAGGAGCTGGACCAGTGGATCGAGCAGCTGAACGAGTGAAGCAGCTCT
CCGAGTCCAGGCAAGAGCCTCTGCGAGAAGGCTAAAGAAATCTGACAAAAGAATCTAATGTTTCAGGA
GGTTCGATGTCCAGTCACTGTGTGGAGATGTGCATGGGCAATTCATGACCTCATGAACTCTTTAGA
ATTGGTGGTAAATCACCAGATACAAATTAAGTTTATGGGAGACTATGTGGACAGAGGATATTACTCAG
TTGAAACAGTTACTGCTTGTAGCTCTTAAGGTTTCGTTACCGAGAGCGTATCACCATACTCCGAGGGAA
TCACGAGAGCAGACAGATCACACAAGTTTATGGTTTCTACGATGAGTGTAAAGGAAATACGGAAATGCA
AATGTTTGGAAATACTTCACAGACCTTTTTGACTACCTTCCTCTCACTGCCTTGGTGGATGGGCAGATCT
TCTGTCTACATGGTGGTCTTTACCATCCATAGACACACTGGATCACATCCGAGCACTTGATCGCCTACA
AGAAGTTCCTCATGAGGGTCCAATGTGTGACTTGCTGTGGTCAGATCCAGATGACCGTGGTGGCTGGGG
ATATCTCCTCGGGGAGCTGGTTATACCTTTGGCCAAGATATTTCTGAGACATTTAATCATGCCAATGGCC
TCACGTTGGTGTCCAGAGCTCACCAGCTGGTGTGGAGGATATAACTGGTGCCATGACCGGAATGTAGT
AACAAATTTTCAGTGCTCCAACTATTGCTATCGTTGTGGTAACCAAGCTGCAATCATGGAATTTGATGAC
ACTCTTAAGTATTCTTTCTGCAGTTTCGATCCAGCACCTCGTAGAGGCGGACCATGTCCTACTCGTCGTA
CCCCAGACTACTTCTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017039
Insert Size: 930 bp



[View online »](#)

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:	NM_017039.2 , NP_058735.1
RefSeq Size:	1915 bp
RefSeq ORF:	930 bp
Locus ID:	24672
UniProt ID:	P63331
Cytogenetics:	10q22
Gene Summary:	catalyzes the removal of serine- and threonine- bound phosphate groups [RGD, Feb 2006]