

Product datasheet for **RN202664**

PPP2CB (NM_017040) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp2cb (NM_017040) Rat Untagged Clone
Tag: Tag Free
Symbol: Ppp2cb
Synonyms: Pp2a2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202664 representing NM_017040
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACGACAAGGCGTTCACCAAGGAGCTGGACCAGTGGGTGGAGCAGCTGAACGAGTGTAAAGCAGCTGA
ACGAGAACCAAGTCCGACGCTGTGCGAGAAGGCTAAGGAAATTTAAACAAAAGAATCAAATGTACAAGA
GGTTCGCTGTCTTACCGTCTGTGGAGATGTGCATGGCCAATCCATGACCTTATGGAACCTTCAGA
ATTGGTGGAAAATCACCAGACACCAACTATCTATTCATGGGTGACTATGTAGACAGAGGATATTATCTG
TGGAGACCGTGACTCTTCTGTAGCATTAAAGGTGCGCTATCCAGAGCGTATCACAAATTTGCGAGGAAA
TCATGAAAGCCGGCAGATCACACAAGTATATGGCTTTTATGATGAATGCCTACGAAAGTATGGAAACGCC
AACGTGTGGAAATACTTTACAGATCTCTTTGATTATCTTCCACTTACAGCTTTAGTAGATGGACAGATAT
TCTGCCTCCACGGTGGCCTCTCTCCATCCATAGATACACTGGATCACATAAGAGCCCTGGATCGCTTACA
GGAAGTCCACATGAGGGCCCAATGTGTGATCTTTATGGTCAGATCCAGATGACCGTGGTGGCTGGGGC
ATTTCTCCACGTGGTGTGGCTACACATTTGGACAAGACATTTCTGAAACATTTAACCATGCCAACGGCC
TCACACTGGTGTCCCGTGCTCACCAGCTTGTAAATGGAAGGATATAATTGGTGCCATGATCGGAATGTGGT
CACCATTTTGTAGTCACCAATTAAGTCTACCGCTGTGGGAACCGGCTGCTATCATGGAATTAAGACGAC
ACTTTAAATACTCTTTCTTCACTTTGACCCAGCACCTCGTCGTGGAGAGCCTCATGTGACCCGGCGCA
CCCCAGACTACTTCTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017040
Insert Size: 930 bp



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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_017040.1 , NP_058736.1
RefSeq Size:	1843 bp
RefSeq ORF:	930 bp
Locus ID:	24673
UniProt ID:	P62716
Cytogenetics:	16q12.3
Gene Summary:	catalytic subunit of multimeric serine/threonine phosphatase; involved in insulin signal transduction; negatively regulates the Ras/MAP kinase pathway by binding to Shc, inhibiting tyrosine phosphorylation [RGD, Feb 2006]