

Product datasheet for **MC206252**

PPP2R1B (BC056218) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R1B (BC056218) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	PPP2R1B
Synonyms:	2410091N08Rik; A1790395
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC056218
 GACAAGAGGTATCCGCACGGGGCCTTCGGCGGCGACCAGCCAGAGGAGGAAGAACATGGCGGGCGCAGCA
 GGGCCAGGGTCCGGTCCGGGGGACGCGGTGGAGATGGAGACGATTTCGCTCTACCCGATCGCGGTTTTAA
 TCGACGAGCTCCGCAATGAGGACGTGCAGCTCCGTCTCAACAGTATTAAGAAGTTATCAACTATAGCTCT
 AGCACTCGGGGTAGAAAGGACTCGAACGGAAGTCTGCCTTTCTTACAGATACTATTTATGATGAAGAT
 GAGGTGCTGTTAGCTCTCGCCGAGCAGCTGGGAAATTTCACTGGTTTGGTGGGCGGTCTGACTTTGCC
 ACTGTCTGTGCCTCCTTTGAAAGTTTGGTACGGTGGAGGAGACTGTCGTTTCGAGACAAGGCTGTGGA
 GTCGCTGAGGCAGATCTCGCAGGAGCACACTCCTGTTGCCCTTGAAGCTCATTTTGTGCCTCTGGTGAAG
 CGCTGGCAAGCGGGGACTGTTTCATGTGCGCGCAGTCTGCATGTGGCTTGTTCAGCGTTTGTATCCCA
 GAGCTTCAAATGCTGTCAAGGCAGAGATTGCAGCAGCACTTCCGTTCTCTGCTCGGATGATACACCAAT
 GGAGCGACGTGCTGCTTCCAAATTTGGGTGAATTTGCAAAAGTTTGGAAATTAGACAGTGTGAAAAC
 GAAATTGTCCATTGTTACGAATTTGGCTTCAGATGAACAGGACTCTGTGCGGTGCTAGCTGTGGAAG
 CCTGCGTCAGCATTGCCAGTTACTGTCTCAGGAGGACCTGGAAGCCTTGGTAATACCTACACTTCGACA
 AGCAGCAGAAGATAAGTCTGGCGGTTTCGATATATGGTGGCTGACAAGTTTTCAGAGCTCCAGAAAGCG
 GTGGGCCCTAAGATTGCACTCAGCGACCTCATCCCGCCTTCCAGAGCCTCCTCCGAGACTGCGAAGCTG
 AAGTCCGAGCAGCCGCTGCCACAAAGTAAAGAGAGCTTTGTGAGAACCTGCCCGCTGAAGGTAGAGAGAC
 TGTAAATTAAGTCAAATCCTGCCTATATAAAGGAATTAGTGTCTGATACCAGCCAACATGTCAAGTCA
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 CTCTATTTTTAGCTCAGTTAAAGGACGAGTGTCCAGAAGTTTCGTTTAAATATCATCTCCAATTTGGATTG
 TGTGAATGAAGTATTGGAATCCGTGAGTCTCTCAGTCTCTCCTTCCGGCCATAGTGGAACTGGCTGAA
 GATGCCAAGTGGAGGTCGCTGGCTATCATTGAGTACATGCCGCTGCTGGCTGGCCAGCTGGGTGTGG
 AGTCTTTGATGAAAACTCAATCTTTGTGTATGGCCTGGCTTGTGGATCATGTCTATGCCATTCGGGA
 GGCAGCCACCAACAACCTCATGAAGTTAGTCCAGAAGTTCGGTACAGAGTGGGCCAGAAATACCATTGTC
 CCTAAAGTGTGGTAATGGCAAATGACCCTAACTACTTACACAGAATGACCACGCTCTTCTGCATTAATG
 CACTGTCTGAAGCCTGTGGTAAGGAAATAACCTAAGCAAATGTTGCCATCGTGTGAAATGGCAGG
 AGACCAGGTAGCAAATGTCGCTTCAATGTGGCAAATCACTGCAGAAAATCGGACCGATTCTAGACACC
 AACGCCTTGCAGGGGAAAGTGAAGCCGGTGTGCAGAAAATGGGTGAGGACGAAGACATGGATGTCAAAT
 ATTTTGCACAGGAAGCTATAAGTGTCTTGCCTTGGCATAAAGATGAACAGGAGGAAAAGCCTTTACTA
 AATTTCTATCACAGATCTCTAGTCAATGTCTTCTGCCCTGGGTGGAGAAAAATGAAACCTTCAAGATC
 TCATCAAAGCAAATGGCAAACAACATAGAAGAAATCAGATTTCAAGTACTTCTCTACACATGACT
 TCAGACTGACTTACTTCTCTGTTGGATAACTGTACGCTCTTCTTCTGCCAGTTGCTGATGCTCCT
 CATACAGTCACTCTTGAAGTGTCTCCAGGGTTTCTCTCCAGCACCATTGAGGCTCCTGCCTCCTCCTT
 TTGAATCAGGCCCCAGCCACTTACGATTCCAGACAGACCCTGGATGGATTTGGACCCCGACCGGAGTGG
 AGTGAATCTTTATTGTTTACACATCTCTGTGTGGCGCTCCATCTTTCCAATGTTAAGAGTAAATGGTTT
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 GTTTCGATGGTCCGCATCAGCATCTCACATGAAGGAGATGTGGAAGGCTAACGAATGGCTGGTCTGGTTT
 TCATTTGCTCAGTTTACTGTAATCATGTGCATGCAGGAGCTGGAAGTGGGTGTATCTTGTGCTAATGTG
 TGATGTTGAAAGAAAACAATTTCAACGGCTCAGCACTGTGACTGCCTTCAAAAACCTCAGAAGAACTTTA
 GTGCCCTCCTACTAAGTTGTGGTTCTACTGTTTTCATTGTGAAGTGTGTGTTTCAAGTAAAGTGTAGGAAC
 AGTGGCCCCAGGCTCTGCTCCAGCACTGTTAGTGAGCATTGTGCTGTTGCGATACCGTGCAGTACCAAAA
 CTGAAGCTTCTTGTCTAGTGTCTTGTGGTGTGGGTGATGCTAGAATTTTTTCTACTTTTGCAGTA
 AAATTTCAATTAATATGTCCAGAAATTTAAGGTGACAGGTCAAGCTGAAGGGTTTGTGAAAGCAAATTAAT
 TGTGTCTATGGAAGGCTGCTGGACACTAATTTTAGGAAGTACCCCTTCTCAGTGGGTGTGCTGTGACC
 AGTGTCCCTGCTGTGCTAACCAGCCCTTCCAGGAGCAGCGCACACATCACACTTTTCTAAATATCC
 CTGTGGGTAATTTAAATATTTTCTGACTCCTTGTCTCGGGTGGACTCAAGTTAATGAGGCTTTACTG
 CGGCTGTTTTACTCAATGCATCATACCATGTAGTTTGTGTTTCCATTTTGGTTTCTGAATTTGTTGATT
 TTACTTACAAATCCTTTTAGATATAACAAGCCCTGTTCTGTTTTGTGAAGGCCAAAGATACCTACAAAT
 CTTTGTACATTAACATGTTACATAAAACCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC056218

Insert Size:	1806 bp
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:	BC056218 , AAH56218
RefSeq Size:	3263 bp
RefSeq ORF:	1806 bp
Locus ID:	73699
Cytogenetics:	9 A5.3
Gene Summary:	The PR65 subunit of protein phosphatase 2A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit.[UniProtKB/Swiss-Prot Function]