

Product datasheet for **MC202095**

Ppp2r3c (NM_021529) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp2r3c (NM_021529) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppp2r3c
Synonyms:	4930511A21Rik; 5730412A08Rik; G4-1; G5pr
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024754 sequence for NM_021529
 GGCTTCTTCTGGCCTTTAGAAATCCGGCTTGGTGAGCTGCGACACCTCCCAAGGCTTCCGCCGTGCC
 AAGATGGCGTCCAGGCGTCTAATTAACCTCCACCTGTCTTGGCGAAGTCTGACGTGCGGGCTGGCAGTG
 GGTGGAGCTCTTAACAACTGCAAAATGTAGGGTCTCTGAGCGGGAGTCAACCATGGACTGGAAAGACGT
 GCTTCGCCGGCGGTTAGCGTCGCCAACACGGATCCAAAGAGGAAAAAGCGAACAGAATTAAGAT
 GAAGAAATGGATTTATTTACAAATACTACTCAGAGTGGAAAGGAGGTAGAAAAACACAAACGAGTTCT
 ATAAGACCATACCCCGTTTTATTACAGTTGCCAGCTGAAGATGAAGTCTTACTACAGAAATTACGAGA
 GGAATCTAGAGCTGTCTTTCTACAGAGGAAAAGCAGAGAAGTCTTAGATAACGAAGAGTTGCAGAACTTA
 TGTTTTTGTCTGGATAAACACCAGATACCACCTATGATTGGAGAGGAAGCAATGATCAATTATGAAAATT
 TTTTGAAGGTTGGTGAAGGCTGGACCAAGTCAAGCAATTTTTTACTGCAAAAGTCTTTGCCAACT
 CCTTCATACAGATTCATATGGACGAATTTCCATCATGCAGTTCTTTAACTACGTCATGCGAAAAGTTTGG
 CTGCATCAGACAAGAATAGGACTCAGTTTATATGATGTTGCTGGCCAAGGATACCTTCGGGAATCAGACC
 TGGAGAATACATCCTGGAGCTGATCCCGACGCTGCCACAGCTGGACGGGCTGGAGAAGTCTTCTACTC
 CTTCTATGTCTGCACTGCAGTCAGGAAGTCTTCTTCTTCTTGGACCCTTAAGAACAGGGAAGATCAAA
 ATCAAGATATTTGGCATGCAGTTTTCTAGATGATTTACTGGAGCTAAGAGATGAGGAATTGTCCAAG
 AAAGTCAAGAAACAAATTGGTTTTCTGCTCCTTCTGCCCTGAGGGTCTATGGTCAGTATTTGAATCTTGA
 TAAAGATCATAATGGCATGCTAAGTAAAGAGGAGCTCTCCGTTACGGAACAGCAACCATGACCAATGTC
 TTCTTAGACCGAGTTTTCCAGGAGTGTCTCACTTACGATGGAGAAATGGACTATAAGACCTACCTGGACT
 TTGTTCTTGCCTTAGAAAACAGAAAGGAGCCTGCAGCTCTGCAGTACATTTTCAAAGTCTGGACATTGA
 GAACAAGGATACCTGAATGTCTTTCCCTAATTATTTCTTTAGGGCCATACAAGAACTAATGAAAATC
 CATGGACAGGATCCTGTGTCAATTTCAAGATGTCAAGGATGAAATCTTTGACATGGTCAAACCAAGGATC
 CTTTGAAGTCTCACTTCAGGATTTAATCAACAGTAATCAAGGAGACACAGTCACTACCATTCTAATTGA
 TCTCAATGGCTTCTGGACCTACGAGAACAGAGAAGCCCTTGTGCAAATGACAACGAGAAGTCTGCAGAT
 CTTGATGACACATGATCTCTGCAAAATAGACTTCTTCATAAAGATGCTTGAATGCTGCATGCAACACTGT
 TGAAGCAGAATCCTTAGAAACGTTCTAAATAAACTCATCACATGCCTGTACAACACAGCAAAATATCTTG
 CTTACTAGAGTGTGGTTGCAGTCAGAACAATTTGAAAGTAAATAGGACCAACTATTGGTTTTTTATTAAG
 TGGTAAAGTAAGTCTAGTTCTGTCTAACTCAGAAATGGAAGTAAAGATTTGCTGTAGTTAGCCGTGGAG
 TTTATTCTGTGGAAATACAATATTTGTTCTTCAAGAAGATTGGGGACAGGAGACTTCCCATCAGAGTAG
 CACCATTGCATTTCTGATCAAAGCTTTAGGTGTGGCTTTGGTTGTTTTGAGACATGGTCTCACTATGTA
 GCCCTGACTGGCCTGGAAGTCTATGTGGACCAAGTTGGCCTTAACTTGAAGTCTTAAAGAGAGACAC
 CTGCCTCTGCCTCCAGGTGCTGAGGTTAAAGGTGAGTGCCTCTGTGCCTATCGTTTTTGGGGTTTTTGT
 TGTGTTTTTGTATTTCTTGTGTGTGCACACCAGAGCACACATGGAGGTGAGTAGACATTGTTGTGATTC
 TTGCTTTTCCCAAGTGGTTCTGGAGATCAGATTCAGGTTCTCGGCTTCCAGCAAGCGCTTGTACCCA
 GCATCCTCTTGCCTTCCCAAGATTTTTTGTGTTTTTGTGTTTTTATTAAGTCACTAGATTGAATG
 AGATTTTGTCTAGGTCTATTAAGCATTTACAAAATAACTTCTGTTAAAGGTTTTGCTAGAGAATTTACT
 AATTCAGTATACTTATGTGTTTTATGGTAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_021529
- Insert Size:** 1362 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:

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: [BC024754](#), [AAH24754](#)

RefSeq Size: 2418 bp

RefSeq ORF: 1362 bp

Locus ID: 59032

UniProt ID: [Q9JK24](#)

Cytogenetics: 12 C1

Gene Summary: May regulate MCM3AP phosphorylation through phosphatase recruitment. May act as a negative regulator of ABCB1 expression and function through the dephosphorylation of ABCB1 by TFPI2/PPP2R3C complex. May play a role in the activation-induced cell death of B-cells.[UniProtKB/Swiss-Prot Function]