

Product datasheet for **MC223752**

PPP2R3A (NM_001161362) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp2r3a (NM_001161362) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ppp2r3a
Synonyms: 3222402P14Rik; A730042E07
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223752 representing NM_001161362
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGCAACTTACAGACTTGTGGTTAGCACTGTGAACCATTATAGCAGTGTAGTGATAGACCGGCGCT
 TTGAACAAGCCATACATTATTGCACTGGAACCTGCCATACCTTCCACACATGGAATAGACTGCATTGTGGT
 GCATCATAGTGTCTGTGCAGATCTCGTGCATATCCCTGTGTCTCAGTTCAAAGATGTGGACTGAACTCG
 GTGTTTTTGTCTCATGAAAATGGGCTTTCCTCGGCTGAAGATTATCCCCATCAAGCCCTCACAGGCCTGC
 CCAGGGGCAAGAAAGCATCTACATTTGAGAATACCTGTAACCTAAAGGACATTGCAGGAGAAGCAATTAG
 CTTTGCCAGTGGGAAAATAAAGAATTTCCCTTGAAAACTCAGAAATCAAACCATGCAGCTTACAGA
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 ATAATAATGATGGAACCTCTCCACCTTTGGTTTACTCCGGAGTTCCTCAGTTGAGGAAAAATCTTTATC
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ATTTGGAATCATTCTCACAGAAGATGGAGACCTCTCTAGGAGAACCACCTTGCCAAGGGTAAAAGCATCAA
 TTCTCTCAATAGTCATAGTCATTTGACTGCTCAGAGCCACAAAGACCTTGAGCCTAAACCTATAGCCTCT
 TCAGCTATGGAAAAAGTTTCACCTTCTTGTCTAACCAAGGATTATTGAAAAAATGGACACAAAATGGAGG
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 CAAGTCAGGCAGAGGGGAGCCTATCAAGAAAAGGAAATGATGCAAAATCTACAGGAAACCTTGACAAC
 TCCTCCAGCCCACTCCATCAGTCTGTAGGAGCCCTGTTGGTGAGAAAACCCAAAGATAGTACTTCAGTTG
 TTTTGATTTCAGCAGACGCCAGAAGTATCAAGATTCAAATAAACCCAGAAAAGAAACCTGCAACATCATT
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 AATACACCGTTGTCCATAAACATTCCACAGTTCTATTTCCCTGAAGGACTCCCAGACACCTGCAGTAACC
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 GGAGAGAAGACTGGATTTGTGACAGCACAGTATTTCATTGCCATGTGGAAAAAGTTGCTAAGTAACCGTC
 ATGACGATGCTGCCAAGTTCATCTGGCTTCTGGCAAAGCCAGCTGCAGCTATCTAGAACAAGAGGATTT
 TATCCCTTACTTCAGGATGTGGTAGATACCCACCCTGGCCTCACCTTCTGAAAGATGCTCCAGAATTC
 CATTCCCCTACATCACCACGGTTGTTTCAGAGAATATTCTACACAGTCAACAGATCTTGGAGTGGAAAA
 TTACTTCAACAGAGATAAGAAAAAGCAACTTTTTGCAAACCTTGCCCTTTTGGAGGAAGAGGAAGATAT
 AAACCAAATCACAGATTACTTCTTATGAACATTTCTATGTCATTTATTGTAATTCTGGGAACTAGAT
 GGTGATCATGACTTGTACATCAGTCAAGCTGATCTGTCTCGATACAATGACCAGGCTTATCAAATAGAA
 TTATTGAAAGAATATTTTCTGGAGCAGTAACAAGAGGAAAAACTGTACAAAAAGAGGGAAGAATGAGCTA
 TGCAGATTTTGTGGTTTTGATTTCTGAGGAAGACAACCGAACCTACCAGCATTGAGTACTGGTTC
 CGCTGCATGGATGTGGATGGAGATGGCATACTTCCATGTATGAACTAGAGTACTTCTATGAAGAGCAGT
 GTGAACGGATGGAAGCCATGGGCATTGAGCCCTGCCGTTCCATGATCTGTTGTGCCAGATGCTTGACTT
 TACGACACTTTCTTAACTGGAGAAATACTTGGACCATGAACAAGAGATCCTTTTGCAGTCCAGAAGG
 ATGTTGAAAATGATGGCCCTGAGCCATCTGACTGGGACAGATTTGCGGCTGAGGAGTACGAGGCTCTCGT
 AACTGAGGAGTCTGCCAGGTTGAGCTCCAAGAAGGCTCATTTGAAGACTATGAATCAGATGAACCTGTA
 TCTCCCTCTGAACCTGGAACAAGGGCAATAAAATAGTAACCTCAAGCCTTTCAGAGAAATGTGGAAAGC
 TTCAGTCAGTGGATGAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001161362
- Insert Size:** 3453 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: [NM_001161362.3](#), [NP_001154834.1](#)

RefSeq Size: 6938 bp

RefSeq ORF: 3453 bp

Locus ID: 235542

Cytogenetics: 9 E4