

Product datasheet for **MC217651**

PPP2R3A (NM_172144) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R3A (NM_172144) 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



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Fully Sequenced ORF: >MC217651 representing NM_172144
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGATCAAGGAAACGTCCTTGCGAAGGACCCGGATTTAAGGGGAGAGTTAGCTTTCCTAGCAAGGG
GCTGCGATTTTGTCTCCCATCACGGTTTAAGAAGAGGCTGAAGTCATTTTCAGCAGACACAGATTCAAAA
TAAACCAGAAAAGAAACCTGCAACATCATTTCCACCTGCAGCCACCCTTCCAAGTAGTCCCCAGCCGGCC
TCCCCTGTTCTTGTGTGAGTGATGTCGTGAATACACCGTTGTCCATAAACATTCCACAGTTCTATTTCC
CTGAAGGACTCCCAGACACCTGCAGTAACCATGAACAGATCCTAAGCAGAATTGAAACTGCTTTCAGGA
TATTGAAGATCAGAAAGCAGATATTCATGAAATGGGGAGAATTGCAAAGGTCTGTGGCTGTCCACTCTAT
TGGAAAGCCCCATGTTCAAGGCTGCAGGAGGAGAGAAGACTGGATTTGTGACAGCACAGTCATTCATTG
CCATGTGAAAAAGTTGTAAGTAACCGTCATGACGATGCTGCCAAGTTCATCTGGCTTCTGGCAAAGCC
CAGCTGCAGCTATCTAGAACAAGAGGATTTTATCCCTTTACTTCAGGATGTGGTAGATACCCACCCTGGC
CTCACCTTCTGAAAGATGCTCCAGAATCCATTCCCGCTACATCACCACGGTTGTTTCAGAGAATATTCT
ACACAGTCAACAGATCTTGGAGTGGAAAAATTACTTCAACAGAGATAAGAAAAAGCAACTTTTTGCAAAAC
TCTGGCCCTTTTGGAGGAAGAGGAAGATATAAACCAAAATCACAGATTACTTCTCTATGAACATTCTAT
GTCATTTATTGTAATTTGGAAGTACTGAGTGGTATGACTTGTACATCAGTCAAGCTGATCTGTCTC
GATACAATGACCAGGCTTCATCAATAGAATTATTGAAAGAATATTTTCTGGAGCAGTAACAAGAGGAAA
AACTGTACAAAAAGAGGGAAGAATGAGCTATGCAGATTTTGTGGTTTTGATTTCTGAGGAAGACAAA
CGGAACCTACCAGCATTGAGTACTGGTCCGCTGCATGGATGGATGGAGATGGCATACTTCCATGT
ATGAAGTACTTCTATGAAGAGCAGTGTGAACGGATGGAAGCCATGGGCATTGAGCCCTTGGCCGTT
CCATGATCTGTTGTGCCAGATGCTTACTTGGTGAAGCCAGCTAGTGATGGCAGAATAACTCTGCGCGAT
CTGAAGAGGTGCAGAATGGCCACATCTTCTACGACACTTTCTTTAACCTGGAGAATACTTGGACCATG
AACAAAGAGATCCTTTTGCAGTCCAGAAGGATGTTGAAAATGATGGCCCTGAGCCATCTGACTGGGACAG
ATTTGCGGCTGAGGAGTACGAGGCTCTCGTAACTGAGGAGTCTGCCAGGTTTCAGCTCCAAGAAGGCTCA
TTTGAAGACTATGAATCAGATGAACCTGTATCTCCCTCTGAACTGGAACAAGGGCAATAAAATAGTAA
CTTCAAGCCTTTCAGAGAATGTGGAAGCTTCAGTCAGTGGATGAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_172144

Insert Size: 1593 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_172144.3](#), [NP_742156.2](#)

RefSeq Size: 4778 bp

RefSeq ORF: 1593 bp

Locus ID: 235542

Cytogenetics: 9 E4