

Product datasheet for **RN209263**

PPP2R1A (NM_057140) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R1A (NM_057140) Rat Untagged Clone
Tag:	Tag Free
Symbol:	PPP2R1A
Synonyms:	PR65
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN209263 representing NM_057140
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCTGCCGACGGCGACGATTTCGCTACCCATTGCGGTGCTCATAGATGAACTGCGCAATGAGG
 AGTTTCAGCTTCGCTCAATAGTATCAAGAAGCTCTCCACCATTGCCTTGCCCTTGGGGTTGAACGGAC
 CAGAAGTGAGCTCCTGCCCTTCTTACAGATACCATCTATGATGAAGATGAGGTCCTCTTGCTTTGGCT
 GAACAGCTGGGAACCTTACCACCTTTGGTGGGAGGACCCGAGTATGTGCACTGTCTGCTGCCACCTCTTG
 AGTCACTGGCCACAGTGAAGAGACAGTGTGCGAGACAAGGCGGTAGAATCCTTGCGGGCCATCTCTCA
 TGAGCACTCACCTCCGATCTAGAGGCTCACTTTGTGCCCTGGTGAAGCGGCTGGCGGGTGAGACTGG
 TTCACCTCCCGTACCTCAGCCTGTGGTCTTCTCAGTTTGTACCCCGAGTATCCAGTGCCGTGAAGG
 CAGAATTCGACAGTACTCCGGAACCTGTGCTCAGATGATACCCCATGGTGGCGGGGCCGCTGCCTC
 CAAGCTGGGGGAGTTTGCCAAGTACTGGAGCTGGACAATGTCAAGAGTGAGATCATTCCATGTTCTCT
 AACCTGGCCTCTGACGAGCAGGACTCGGTGCGGCTGTGGCAGTAGAGGCATGCGTGAATATCGCCACG
 TTCTGCCCCAGGAGGACCTGGAGGCCTTAGTGATGCCACCTTGCAGACAGCTGTGAGGACAAGTCTTG
 GCGTGTCCGCTACATGGTGGCAGACAAATTCACAGAGCTCCAGAAAGCAGTTGGGCTGAGATCACTAAG
 ACAGATCTGGTGCCTGCCTTCCAGAACCTGATGAAAGACTGTGAGGCCGAGGTGAGGGCCGACGCTCCC
 ACAAGGTCAAAGATTCTGTGAAAATCTCTCAGCTGACTGCCGGGAGAATGTGATCATGACCCAGATCTT
 GCCCTGCATCAAGGAACCTGTCCGATGCCAACCAACATGTCAAGTCAGCACTGGCTTCAGTCATCATG
 GGCCTCTCTCCATTCTGGGCAAAGACAATACCATCGAACACCTTGGCCCTGTTCTTGCTCAGCTGA
 AGGATGAGTGTCTGAGGTGCGGCTGAACATCATTCCAACTGGATTGTGTAATGAAGTATTGGCAT
 CCGGCAGCTCTCGAGTCCTTGCTTCTGCCATCGTGGAACCTCGCTGAAGATGCCAAGTGCCGAGTGCGG
 CTGGCCATCATTGAATACATGCCTCTGCTGGTGGACAGCTCGGTGTGGAATTTTTGATGAGAACTTA
 ACTCTTTGTGATGGCTGGCTAGTGGATCATGTCTATGCTATCCGTGAGGCTGCCACCAGCAACCTTAA
 GAAGCTAGTGGAGAAGTTCGGGAAGGAGTGGGCCATGCCACTATCATCCCAAGGCTTAGCCATGTCT
 GGAGACCTAACTACCTGCACCGAATGACTACACTCTTCTGCATCAATGTGTTGTCTGAGGTCTGTGGC
 AGGATATTACCACGAAGCACATGCTGCCACAGTTCTTCGTATGGCTGGGACCCAGTCGCCAATGTCCG
 CTTCAATGTGGCCAAGTCACTACAGAAGATAGGACCCATTCTTGATAACAGCACCTGCAAAGTGAAGTC
 AAGCCTATCTAGAGAAGCTGACCCAGGACCAGGATGTGGATGTCAAGTACTTTGCCAGGAGGCTCTGA
 CTGTTCTCTCTTGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_057140

Insert Size: 1770 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_057140.1](#), [NP_476481.1](#)

RefSeq Size: 2234 bp

RefSeq ORF: 1770 bp

Locus ID: 117281

Cytogenetics: 1q12

Gene Summary: expressed at similar levels in all spermatogenic cells [RGD, Feb 2006]