

## Product datasheet for **RN208161**

### PPP1R3A (NM\_001109222) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ppp1r3a (NM\_001109222) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ppp1r3a  
**Synonyms:** RGD1561312  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN208161 representing NM\_001109222  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCCCGCCGAAGTACCCGGTCAGATTAGCAAAGATAACTTTTTAGAAGTTCCTAATCTGTCCGATT  
CTGTGTGTGAAGATGAAGAAGTTAAAGCGACCTTCAAGCCTGGCTTCTCCCTCAGCCAAGCAGACGGGG  
GTCAGAATCTTCTGAAGACTTATATCTGGACACCCCAACCTCAGCTTCCCGGAGAGTTTCTTTGCTGAC  
AGCCTTGGATTAGTCTTGTGTCTGTTAAAGAATTTGATTGTTGGGACTTACCAAGTGTTCAACTGATT  
TTGACTTAACTAGGGATGTCCTCCACACAGATGAATATATTTTATCTCCACTGTTGACTTGCCCTCTTC  
CAAAGAAGAGCTTATGGAACAACCTCAAGTCCAGAAGGCAGTGTGGAGTCCGGCTGAACACCTTCTCTGG  
TCGACAAGTGTGAAGGGCATCATTGAGTTCTGAACATTTCTTTTGAGAAGTTAGTGATGTGCGCATGT  
CTTTGGACGACTGGCAGACACATTATGACATTTTAGCAGAATATGTTCTAATTCGTGCGATGGTGAAAC  
TGACCAGTTCTCCTTTAAGATTTTCATTGGTCCACCTTATCAAATGGACGGCGTAAAGTGGAGTTTTC  
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AAAGCTGAGGGTTCAGAGAAGAAACAAGCTCGCCATGAAATCCCACTGACTTGTGCAGAGGGCCTTTGT  
CTCCGAGTTTATCAGCAGAAAGTCTTTAAAGAGAGATTCTACCACAGCAGAAATATTCCCAGGAAA  
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ACTAGTTCTGATGAGTTAATGCAACTGAAAGTCTGCAGCAAAGAAGCGTAGACGATAATGCCAACCCAG  
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AGTTTGAGAGAATCAAATGCGTCTTACAAAGATGAGTACGACAAAGTGGATGATAAAAGGGAGAAGAAAA



CATGCTTAGGTGTTAATGAAAACCCAGGCAAGAATTTTCAATCAATATTCCAGAACCAAGAGAGACAAAT  
 GGGGTGTGCAAAAATAAGCGGTGAAGGGGCTAATGCTAATAACCAAGACTTGACCACTCTACTGAGCAAA  
 GATACCACAATAACACCTGGGCGGTAACCGTCGATCCCTCTCCTTCAACAAATACAAACGTGAATTGGA  
 GAGAAGCCGGAATGGTACCGATTTAGAACGAAGAATACTGATCTTGGTTCTCCAAGGAATTTCACTCT  
 CCTGACTGATGGTTATCTTTTTCAAGCTGACAGGGAAAAATCCGACTCTAGTAATTCTGAAGATCGGAAT  
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 ATATAACCAAGCATACCAAAGAACAGGCAGAGTACAAAGACACGTTGGGAAAAAGAGATAACAGTAGGAA  
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 CAGGCCATCGAGGTAAGAAACAGCGTTTGTCCACATGAAGGGCGGAAGGATGATTCACATTATTCC  
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 GTAATGTACGTGATAGTAAATGGAGAAGGAGAAAACCACATCTACGTGCTCTCCTAGGAAGACATATGA  
 CAAGGAGAAAACATGGAATTGGAAGTGAACATCTATAGACGAACCTTACAGGTCATTACAGGCAATCAA  
 AAAGCTACGTCAAACCTGGATTTACATTTGGGAGTGTTACCAACAGACAGAGCAATACTCTCGGCAACG  
 CAGATCTTGAGCTGCTTCAAGAATTATCAAGGAGAACAGACTTCAATGCTGTTCACTCTGCATTTAACTC  
 AGACCCTGGCAGCGCTTCTCAGGACAGCTCTCAAGTTTACAGACGCTGCTCTAAAAAACAGTACCTTCT  
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 AAAATCAGGTAGTGGAGGAGAGCAAGGAGTGGGTCGATTTCTCCAACAAAAAGAGGTAGTTTGGAAAAA  
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 GGTTAATGCGTTCTGGTCAGTTACAGTGTATTTGGGTGACAAGGGATCAGTGAGTCTGCTTCTGCTAC  
 TGTCCCTACCCAGGAACCTCAAGCTCAAGGCAGCAGTCTGCTTTCAATATCCATCAACTCTAAAATA  
 CCTTATTTCTTTTGTGTTCTAATTTTCTTGAAGTGTCTACTACTATGACCTAATGATAGGCTTGGCAT  
 TCTATCTTTTTCTTGTACTGTTGTACTGGGAAGGGGGAGGCAAGAGAGTCTGTCAAGAAAAAGTG  
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001109222
- Insert Size:** 3291 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\\_001109222.1](#), [NP\\_001102692.1](#)

RefSeq Size: 7529 bp

RefSeq ORF: 3291 bp

Locus ID: 500036

Cytogenetics: 4q21