

## Product datasheet for **RN214610**

### **Pp2d1 (NM\_001134567) Rat Untagged Clone**

#### **Product data:**

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Pp2d1 (NM_001134567) Rat Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | Pp2d1                                   |
| Synonyms:                 | RGD1564811                              |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pCMV6-Entry (PS100001)                  |
| E. coli Selection:        | Kanamycin (25 ug/mL)                    |



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**Fully Sequenced ORF:** >RN214610 representing NM\_001134567  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGGATTTTGAAATATATAGCCCTGTAAGAGTTTTTTTGAATCAAACAATGGGATGAGAAAATTCAA  
 AATTTACTTCAGATGAGGCTCTCCCACTGTGAGAACAAATGTCAGAAAGCGTAGTAGACTGCCACGAAT  
 GAATGACCCAGAGGAGTCCACTGACCAGCTGACTTCGGTTGACATGGGTGACATGGTCACATTCCCTGC  
 TCTGTCTGCCACCAAGAACTGAACACAGCTGGGAATTTTCTCCATAAGAAACATCACAATGCTCTGAGTA  
 CGCTGGGTTTCGAGTGGATGGGAGGGAGGAAACCAAGCCCAAAATGGTCAGTTTTTCACAGAGAGTGTAT  
 AATTTCTAACCTTTGAGATCTTCTACATACAGTGAAAAAGTCCTTCAGAGTATGAATTATGCATTTGAG  
 CTTCTTAGGAAGAAACAAATTCGTCGTAAGTCTTCAAACTTTGTGACAAGGTCGGAGAGACTTCTATATATT  
 CTCCAACAGCTACCACCTTCTGATTAAGGTATAGCCATCTGTAGCAATAGTAATCAACCTGGAAAGC  
 TGAGCCCACTGTAATTCACGGTCGTGAACGACTTTGGCGATAAAGCCAATGTGTGCTTTTTTCGGTTTA  
 TTTGATAGTCATCATGGTTACGCAGCAGCAGACCTGGCATCAAAGGAGTTTCAGGTTTTACTTCTCCATC  
 AACTGTCTGTACAGGATCCTTCTACCAGATGACAGCCGAGCAACAGGATCTCATCAATTCCTTTACAC  
 GGTGTTACAGGAAGAATACAGAGCCAGAGAAGAGGCCCTTCTCTCCACATATAAAACCTTCAGAACCAAT  
 AAACGGGAGTATGAGGATGTACAAAGCGTTTGCCAAGGCATTTGGAGAATGGATAGGCTTCTACGGC  
 TGGGAAGGAACGAGGTCTCCCGGTTTCGGTGGAGCGGCTGTTGAGCACTCACGTGTATATTAGAGGGTGG  
 GATCAAGAACCCACAGGCTACTAAGGACTGGGAAAAACCTATCAGCATGGTGTTAACAGCTCTCCCTTC  
 CAGAAGATTCCCAGATCATCTCTGGAGTACTACACATTGCAAAATGCTGGAAATGTACAAGCAGTCTTAT  
 GCAGAAATGGAAAAGGATTTTGCCTGACCAAGGAGCACACTACAGAAACACTAAAGAAAGAAGAAGAGT  
 ACTTTACAGCGAAGTAGGGATCAGTTCAGATGACCCCTATGGTCTCCTGGATGGGCACATAAAACCACC  
 AGGGGTCTTGATTCCATGGAAACCTCAGACTAAAAAAGGCCATTATTCCAGTACCACAAACAATTTCTG  
 TCCCTATAGATGATTTATGTCAGTTTCTCATCTTAGCCACCAATGGACTTTGGCAAGTTTGGACAAGAA  
 GGAAGTCACTGCACTGGAATCACTTTGTTTCACGCATATAAAGAAACATGTGTTTCTGGCCCTAGAAAT  
 AAACCTGGCCATCTAAAAGCTGCTTTTCCACCAGACAGTAACATCCGCGTGTGTTCCAATACCAGC  
 CTGAAAATGAAGACATTACGTCAACTACAGATGTAATGAAAAGGTTATCTGACTCACCATTGCTGACAC  
 CAACATTCATCAAGATACATCTGCAGAAACATTTCTACCAAAAGCGACCTTTATGACCCTTATAGCACA  
 AAAGAGAGTAATAGCTTACCCACTACGAACAGTAAGCAGGAAAGTGAGAAAGAAATATGTATTAAGAACT  
 TCTATAAAGGTGAGCTGAGTACATTGGCTGTCAACTGGTAAGTGTGCAATAGAAGGTGGTTCCAGAGA  
 CAGCATCACTGTTATGGTAATGTTTCTCAATGGAAGTGAGTATCACAGGCGGACATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001134567

**Insert Size:** 1878 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\\_001134567.1](#), [NP\\_001128039.1](#)

**RefSeq Size:** 2461 bp

**RefSeq ORF:** 1878 bp

**Locus ID:** 316157

**Cytogenetics:** 14q21