

## Product datasheet for **RN211100**

### **Pdia5 (NM\_001014125) Rat Untagged Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Pdia5 (NM_001014125) Rat Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | Pdia5                                   |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pCMV6-Entry (PS100001)                  |
| E. coli Selection:        | Kanamycin (25 ug/mL)                    |



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**Fully Sequenced ORF:** >RN211100 representing NM\_001014125  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGCGGGCTGGGGCTGCTACTGGCGATTGGGGTATCCTGCCGACATGGCTGTCCTCCACGAAGG  
TCTCTTCGCTCATTGAGAGAATCTCCGACCCCAAGGACTTGAAGAACTTCTCAGGACCCGAAATATGT  
GCTCGTGCTTTACTCAGAATCTGAGGTGGCAGCTGAAAGTCATCTCAAGCTACTGTCACATGTGGCCAG  
GCAGTAAAGGACAAGGCACCATCTGCTGGGTGGACTGTGGTATGCAGAGAGTAGAAAATTGTGCAAGA  
AGATGAAAGTTGACCTCAGCCCAAAGGACAAAAAGATCGAATTATCCATTACCAGGATGGTGCCTTTCA  
CATGCAATATGACCGAGCTGTGACGCTGAAGTCTATAGTGGCCTTTCTGAAGGACCCAAAAGGTCCCCCA  
CTGTGGGAAGAAGACCCTGGAGCCAAAGATGTCGTGCACATTGACAGTGAGAAGGACTTCAGGCGGCTCC  
TAAAGAAAGAAGAAAACCTCTCCTCATGATGTTCTACGCTCCCTGGTGCAGCATGTGCAAGAGGATCAT  
GCCACATTTCCAGAAGGCTGCCACCAAGTGCAGGCCCACTGTACTGGCTGGGATGAATGTCTACCCC  
CCAGAGTTCGAGAACATCAAGGAGGAGTACAATGTGCGTGGCTACCCACCATCTGCTATTTTGAGAAGG  
GACGGTTTCTGTTCCAGTACGAGAATTATGGGTCCACGGCTGAGGACATCGTGGAGTGGTTGAAGAATCC  
ACAGCCGCCACAGCCCCAGGTCCCCGAGACTCCCTGGGCAGATGAGGGCGGCTCCGTTTATCACCTGACC  
GATGAAGACTTTGACCAGTTTGTGAAGGAGCACTCCTCTGTCTCGTCATGTTCCACGCCCATGGTGTG  
GACACTGTAAGAAAAATGAAGCCGGAGTTTGAAGCGCGGCCGAAGTCTCCACGGAGATGCTGAGAGCTC  
TGGTGTCTTGCAGCTGTGATGCCACCATCAACGAGGCCCTGGCAGAAAGTTTACATCTCAGCGTTT  
CCTACTCTGAAGTATTTAAGAATGGCGAGCAGCAAGCGGTGCCTGCGCTCAGAACAAAGAAGAAGTTTA  
TTGAGTGGATGCAGAACCCTGAGGCTCCCCGCCTCCAGAGCCACGTGGGAAGAGCAGCAGCAGCGCT  
GTTACATCTGGTGGGGATAAATTCGGGAGACCCTGAAGAAGAAGAAACACACCTTGGTCATGTTCTAT  
GCCCTTGGTGGCCACACTGTAAGAAGTTCATCCCTCACTTACCGCCACAGCCGACGCTTCAAAGATG  
ACCGGAAGATTGCCTGTGCTGCTGTCGACTGTGTCAAGGACAAGAACCAAGACCTGTGTCAGCAGGAGTC  
CGTGAAGGCTACCCACCTTCCACTATTACCCTATGGGAAGCTTGTAGAAAAGTATGAGAGTGACCCG  
ACGGAATTGGGATTTACCAGTTTCATCCGAACCCTCCGGGAGGGAGACCTCAAGAGACTAGAAAAAGGA  
GGGAGGACCT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001014125

**Insert Size:** 1554 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\\_001014125.1](#), [NP\\_001014147.1](#)

**RefSeq Size:** 1765 bp

**RefSeq ORF:** 1554 bp

**Locus ID:** 360722

**UniProt ID:** [Q5I0H9](#)

**Cytogenetics:** 11q22