

## Product datasheet for **RN206299**

### **Pdxdc1 (NM\_001134961) Rat Untagged Clone**

#### **Product data:**

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Pdxdc1 (NM_001134961) Rat Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Pdxdc1                                   |
| Synonyms:                 | RGD1562597                               |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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**Fully Sequenced ORF:** >RN206299 representing NM\_001134961  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACGCGTCCCTGGAGAAGATAGCAGACCCTACATTAGCTGAAATGGGAAAAAAGTTGAAAGAGGCGA  
 TGGGATGCTGGAGAACAGCCCAAGAAGATAGAGGAAGAAAGTGGAAAGAAACAGTGCCTGAGGATAT  
 TCCAGGACCACTCCAAGGCAAGTGGGCAAGATATGGTGAGCATCCTCCAGTTAGTTCAGAACTCTGATGCAT  
 GGAGACGAAGATGAGGAGCCCCAGAGCACCCGAATCCAGAATATTGGAGAACAAGGTACATGGCTTTGT  
 TGGGTCAAGTCTGGGTGCCTATATTTCAACTCTGGATAAAGAGAAGCTAAGAAAAGTTACAACAGGAT  
 ACTTTCTGACACTACCTTATGGCTATGCCGGATTTTCAGGTACGAAAATGGATGTGCTTATTTCCATGAG  
 AAAGAGAGGGAAGGACTTGCTAAGATCTGTAGGCTTGCCATTCATTCTCGCTATGAAGACTTTGTAGTGG  
 ATGGATTCAACGTGTTGTATAACAAAAAGCCTATCATATATCTTAGTGCTGCTGCTAGACCTGGCCTGGG  
 CCCGTACCTTTGTAATCAGCTTGGCTTGCCCTTCCCCTGCCTGTGCCGTGTGCCCTGTAACTACTGTTT  
 GGATCCAGCATCAGATGGACGTTGCCTTTCTTGAGAACTGATCAAAGATGACGTAGAAAGAGGAAGAC  
 TGCCATTGCTGCTTGTGCAATGCTGGAAGTGCAGCAGTCCGACACACAGACAAGATTGGACGCTCTGAA  
 GGAAGTCTGTGAGCAGTATGGCATTGGCTCCATGTGGAAGGTGTGAATCTGGCAACATTGGCTCTAGGT  
 TATGTCTCCTCGTCTGTGCTGGCTGCAACCAATGCGATAGCATGACACTGACTCCTGGCCTGTGGCTAG  
 GTTGGCAGCTGTTCTGCACTGACACTCTACAAACATGACGATCCTGCCTTGACACTAATTGCTGGCCT  
 TACATCAAATAAGCCTGCAGACAACTTCGAGCCCTGCCACTCTGTTGTCTCTACAATACTTGGGACTT  
 GATGGCATTGTGGGAGAATAAAGCAGCCTTGTGAGTCAACGACTGCAAGAGAGTTTGAAGAAAG  
 TGGACCATCAAAATCCTGGTGAAGATGAGCTCAGTTCTCCAGTAGTGGTATTCAGATTTTCCAGGA  
 ATTACCAACCTTAGATCCAGCATTTAAAGTTGCCGCTGTATCCAACATAGCAGCTGCAGCAGTTGGCCGA  
 GAGAGACACTCCTGTGATGCACTAAACCGCTGGTTGGGAGAACAGTTGAAACAGCTGGTGCCTCAATGTG  
 GCCTACTGTCTGAGCTGGACATAGATGGACATGTGTTGCGTTGAGCCCTTTGATGACAGCAGAAGC  
 ATTAGGAAGTCAAGGAGAGGATGTAGATCAACTCATCCTGCATCCAAGCAAAGTCCAGTCTGACA  
 TGTACACTACAGTACGGAAGAATTCAAGAAGGAGGTAGAGGGGACAGCCGGGCTCCTGTATGTGGATG  
 ACCCAACTGGCCTGGAATTGGAGTTGTGAGTATGAGCATGCTAATGATGATAACACCAGTTTGCAATC  
 TGATCCAGAGGGGAAAAATACACACTGGACTTCTGAAAAAGTTAAATGAACTGGAATCTGACCTCACA  
 TTTAAATGGGCCCTGAGTACAAAAGCATGAAGAGCTGCATTTACATTGGCATGGCAAGTGATGTGG  
 ATGTTTCTGAGCTAGTGGAGACCATTGCTATCACAGCCCGGAAATTGAAGAGAACTCAAGGCTTCTAGA  
 GAACATGACAGAAGTTGTTTCGGAAGGGAATTCAGGAGGCTCAGGTTACAGTACAGAAGGCAATGAGGAG  
 CGGCTTCTGGAAGAGGAGTGTGCGGCAAAATCCCTGTAGTAGGATCCGTGCTGAATTGGTTTTCTCCAG  
 TCCAGGCTTCAAAAAGGGAAGAAGTTTAACTTAACAGCAGGTTCTCTGGAGTCCACAGAATACACCTA  
 TGTCTACAAAGTACAAGGTACAGGAGTGACACCACCTCTACACCCTCAGGCACTCGAAGCAAACAAAGG  
 CTCCAGGTGAGAAGCCTTTTAAAGGTCCCTGAGAAGCTCGGATGCTGTGAGCGAGACCAGCTCAGTCA  
 GCCACATTGAAGACCTGGAAAAGGTGGAACAGTTGCCAGTGGCTAGAGCAGACAACCTAGAGGCCCA  
 GTGCCCCGAGCAGCCCTGCAGGGCTGCTGACCTGTGGCCAGACAGACTGAGGCCCTGCAGGATGAGGAA  
 GATGACCACTCACAGATGGGAACCAGGTGCGGAGACTTAAGGTT**AG**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001134961  
**Insert Size:** 2358 bp

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                    |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u>NM_001134961.1, NP_001128433.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>           | 4328 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 2358 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>              | 304721                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>          | 10q11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |