

## Product datasheet for **MC228937**

### **Pdxdc1 (NM\_001291017) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pdxdc1 (NM_001291017) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdxdc1
Synonyms:	2210010A19Rik; AA415817; Kiaa0251-hp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC228937 representing NM\_001291017  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGCTCCCTGGAGAAGATAGCAGACCCTACATTAGCTGAAATGGGAAAAAATTGAAAGAGGCGA  
 TGGCGATGCTGGAGAAGAGCCCGAGAAGAACAGAGGAGGAAAAATGGAAAGAAGCCAGTATCTGAGGATAT  
 TCCAGGGCCACTCCAAGGCAGTGGACAAGATATGGTGAGCATCCTCCAGTTAGTTCAAAAATCTGATGCAT  
 GGAGATGAAGATGAGGAGCCCCAGAGCACCCGAATCCAAAATATTGGAGAGCAAGGTACATGGCTTTGT  
 TGGGTCATAGCCTCGGTGCCTATATTTCAACTCTGGATAAAGAGAAGCTGAGAAAAGCTCACACCAGGAT  
 ACTTTCCAGACTACCTTATGGCTACGCCGGATTTTCAGGTACGAAAATGGATGTGCATATTTCCACGAG  
 GAAGAGAGGGAAGGACTTGCTAAGATCTGTAGGCTTGCCATTCATTCTCGCTATGAAGACTTTGTTGTAG  
 ATGGATTCAACGTGTTATATAACAAAAAGCCTGTCATATATCTTAGTGCTGCCGTAGACCTGGCCTGGG  
 CCAATACCTTTGTAATCAGCTTGGCTTACCCTTCCCCTGCCTGTGCCGTGTGCCCTGTAACACTATGTTT  
 GGATCCAGCATCAGATGGACGTTGCCTTTCTCGAGAAACTGATCAAAGATGACGTAGAAAAGAGGAAGAC  
 TGCCCTTGCTGCTTGTGCAAAATGCTGGAAGTGCAGCAGTTGGACACACAGACAAGATTGGACGTTTGAA  
 GAACTCTGTGAGCAGTACGGCATTGGCTTATGTGGAAGGTGTGAATCTGGCAACATTGGCTCTAGGT  
 TATGTCTCCTCATCTGTGCTGGCTGCAACCAAGTGCATAGCATGACACTAACTCCTGGCCTATGGCTAG  
 GTTTGCCAGCTGTTCTCGAGTGACACTCTACAAAATGACGATCCTGCCTTGACACTAGTTGCTGGTCT  
 TACATCAAATAAGCCTGCAGACAAAACCGAGCCCTACCACTCTGGTTGTCTCTACAGTACTTGGGACTT  
 GATGGCATTGTGGAGAGAATAAAGCATGCTTGTATCTGAGTCAACGGTTGCAAGAAAAGTTTGAAGAAAG  
 TGGACCACATCAAAAATCTTGGTGAAGATGAGCTCAGTTCTCCAGTAGTGGTGTTCAGGTTTTTCCAGGA  
 ATTACCAGCCTCAGATTCAGCGTTTAAAGCTGTTCTGTATCCAACATAGCACCTGCAGCAGTTGGCCGG  
 GAAAGACTCCTGTGATGCACTGAACCGCTGGTTGGGTGAACAGTTGAAACAGTTGGTGCCTCAGTGTG  
 GCCTCACTGTCATAGACCTGGAGGTAGATGGCAGATGTGTTTCGGTTTCAGCCCTCTGATGACAGCAGAAGG  
 GTTAGGAACTCGAGGAGAGGATGTCGATCAGCTCATTACCTGCATCCAAGCAAACCTACCAGTCTGACC  
 TGCACACTACAGCTTCGGGAAGAATTCAAGCAGGAGGTAGAGGGGACAGCAGGGCTCCTGTATGTTGATG  
 ACCCCAACCTGGCCTGGAATCGGGGTTGTGAGGTATGAGCATGCGAATGATGATGACACCAGTTTGAATC  
 TGATCCAGAGGGGGAAAAATACACACTGGACTTCTGAAAAAGTTAAATGAACTGGAATCTGACCTCACA  
 TTTAAAATAGGCCCTGAGTACAAAAGCATGAAGAGCTGCATTTACATTGGCATGGCAAGTATGATGTTGG  
 ACGTTTTCTGAGCTAGTGGAGACCATTGCAGTACAGCCCGGAAATTGAGGAGAACTCAAGGCTTCTAGA  
 GAACATGACAGAAGTTGTTTCGGAAGGGAATTCAGGAGGCACAGGTTACAGTACAGAAGGCAAATGAGGAG  
 CGGCTTCTGGAAGAGGGAGTGTGCGGCAAATCCCTGTAGTAGGATCCGTGCTGAATTGGTTTTCTCCAG  
 TCCAGGCTTACAGAAGGGAAGAAGTTTAACTTAACAGCAGGCTCTCTGGAGTCCACAGAATACACCTA  
 TGTCCACAAAGTACAAGTACTGGGGTACACACCCTCCACACCCCTAGGCACTCGAAGCAAACAGAGG  
 CTTCCAGGTGAGAAGCCTTTTAAAGGTCCCTGAGAGGCTCGGATGCTGTGAGTGAGACCAGCTCAGTCA  
 GCCACATTGAAGACCTGGAAAAGGTGGAACAGCTGTCCAGTGGGCTAGAGCATGACAACCTAGAGGCCCA  
 CAGCCCTGAGCAGCCTCCAGGGCCACTGATCTCACGGCCAGACAGACTGAGGCCCTGCAGAACCAGGCC  
 CAGCATCAGGAAGATGACCATTACAGATGGGAACAGGGTGCAGAGACTTAAGGTT**TAG**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001291017  
**Insert Size:** 2370 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_001291017.1</a></u> , <u><a href="#">NP_001277946.1</a></u>
<b>RefSeq Size:</b>	3821 bp
<b>RefSeq ORF:</b>	2370 bp
<b>Locus ID:</b>	94184
<b>UniProt ID:</b>	<u><a href="#">Q99K01</a></u>
<b>Cytogenetics:</b>	16 A1