

## Product datasheet for **MR218063**

### **Pxdc1 (NM\_025831) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pxdc1 (NM_025831) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pxdc1
Synonyms:	1300014I06Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR218063 representing NM_025831 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCTCGGCGGTGTTGAGGGCACGTCGCTCGTGAACATGTTTCGTGCGCGTTGCTGGGTGAACGGGA  
TCCGAGGCTCATCGTCAGCAGGCGCGCGATGAGGAGGAGTTCTCGAAATCCGCACCGAGTGGTCGGA  
CCGCAGCGTGCTCTACCTGCACCGCAGCTTCGCCGACCTGGGCCGCTGTGCAAGCGCCTCCGCGATGCC  
TTCCCCGAGGACCGGTCTGAGCTGGCGCGCACGCCGCTGCGGCAAGGACTGCTCGCCATCAAGGGTGAC  
ATGACATAGAGACCAGGCTCAATGAGGTCGAGAAGCTGCTGGAGACGGTCATCAGCATGCCGTGTAAGTA  
TTCCAGGTCTGAGGTTGTTCTCACCTTCTTTGAAAGATCGCCTTTGGATCAGGTGTTAAAAAATGATAAT  
GTCCATAAGATCCAACCCAGCTTTCAAAGTCCTGTTAAAAATCAGAAATCATGAGGTCCAATGGATTTT  
GTTTGGCAAACACAGAGACCATAGTCATTGACCACAGCATACCCAACGGGAAGGACCAGCTCCTGGATGC  
GGATTCCACAGAGCATTGTTTGAGAATGGTGGTGAGTTCACCTCAGAGCTGGAAGATGGTGACGACCCA  
GAGGCTTATGTCACCAACTTGTCTATTACCATTGGTTCCGTTTGAGACGGACATTTTGGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR218063 representing NM\_025831  
 Red=Cloning site Green=Tags(s)

MASAVFEGTSLVNMFVRGCWVNGIRRLIVSRRGDEEEFFEIRTEWSDRSVLYLHRSFADLGR LCKRLRDA  
 FPEDRSELARTPLRQGLLAIKGAHDIETRLNEVEKLETVISMPCYKSRSEVVL TFFERSPLDQVLKNDN  
 VHKIQPSFQSPVKISEIMRSNGFCLANTETIVIDHSIPNGKDQLLDADSTEHLFENGGEFTSELEDGDDP  
 EAYVTNLSYYHLVPFETDILD

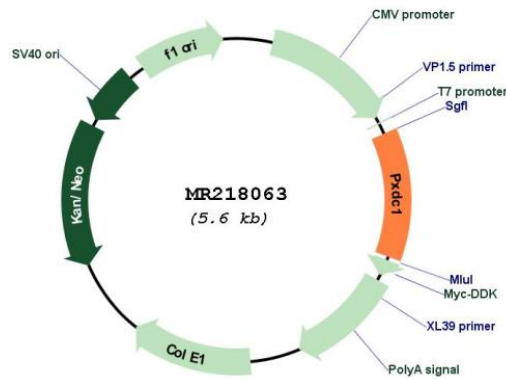
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_025831

**ORF Size:** 693 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_025831.3</a> , <a href="#">NP_080107.3</a>
<b>RefSeq Size:</b>	1872 bp
<b>RefSeq ORF:</b>	696 bp
<b>Locus ID:</b>	66895
<b>UniProt ID:</b>	<a href="#">Q8JZU6</a>
<b>Cytogenetics:</b>	13
<b>MW:</b>	26.9 kDa