

## Product datasheet for RC238179

### PDXDC1 (NM\_001285450) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PDXDC1 (NM_001285450) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PDXDC1
Synonyms:	LP8165
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC238179 representing NM_001285450 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**C

ATGGACGCGTCCCTGGAGAAGATAGCAGACCCACGTTAGCTGAAATGGGAAAAACTTGAAGGAGGCAG  
TGAAGATGCTGGAGGACAGTCAGAGAAGAAGAGAGGAAAAATGGAAAGAAGCTCATATCCGGAGATAT  
TCCAGGCCCACTCCAGGGCAGTGGCAAGATATGGTGAGCATCCTCCAGTTAGTTCAGAATCTCATGCAT  
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ACTTTCAGATACCACTTATGGCTATGCAGAAATTTTCAGATATGAAAAATGGGTGTGCTTATTTCCACGAA  
GAGGAAAGAGAAGGACTTGCAAAGATATGTAGGCTTGCCATTCATTCTCGATATGAAGACTTCGTAGTGG  
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CCAATACCTTTGTAATCAGGATGTTGCCTTCTGGAGAACTGATTAAGATGATATAGAGCGAGGAAGA  
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CCCGTCCATCACCATCCGACCTGCTGG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
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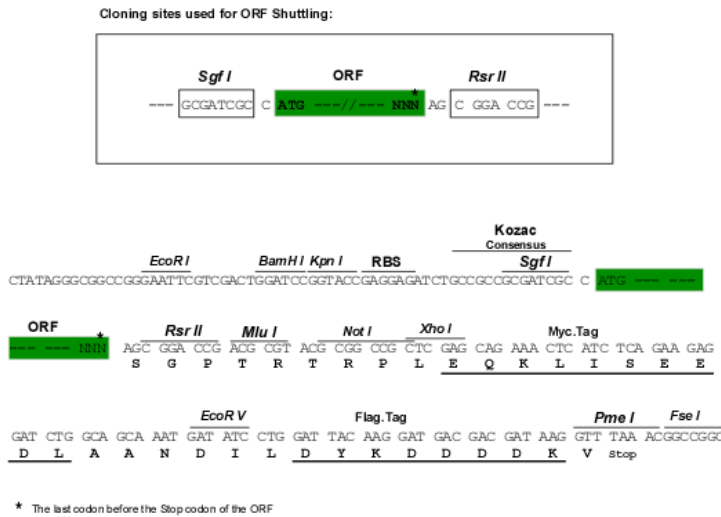
**Protein Sequence:** >RC238179 representing NM\_001285450  
 Red=Cloning site Green=Tags(s)

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 GDEDEEPQSPRIQNIQEQQHMALLGHSLGAYISTLDKEKLRKLTTRILSDTTLWLCRIFRYENGCA YFHE  
 EEREGLAKICRLAIHSRYEDFVVDGFNVLNKKPVIYLSAAARPGLGQYLCNQDVAFLKLIKDDIERGR  
 LPLLL VANAGTAAVGHDTKIGRLKELCEQYGIWLHVEGVNLTALALGYVSSSVLAAAKCDSMTMTPGPWL  
 GLPAVPVAVTLYKHDDPALTLVAGLTSNKPTDKLRALPLWLSLQYLGLDGFVERIKHACQLSURLQESLKK  
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 PVHHHPTCW

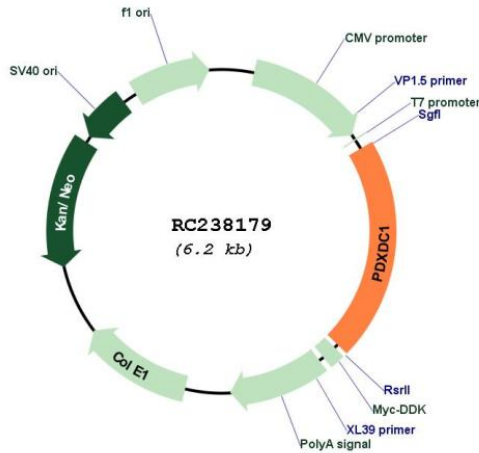
SGPTRRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001285450

<b>ORF Size:</b>	1287 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_001285450.2</a>
<b>RefSeq Size:</b>	2313 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	23042
<b>UniProt ID:</b>	<a href="#">Q6P996</a>
<b>Cytogenetics:</b>	16p13.11
<b>MW:</b>	48.2 kDa