

Product datasheet for **RR206299**

Pdxdc1 (NM_001134961) Rat Tagged ORF Clone

Product data:

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



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**ORF Nucleotide
Sequence:**

>RR206299 representing NM_001134961
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGCGTCCCTGGAGAAGATAGCAGACCCTACATTAGCTGAAATGGGAAAAAAGTTGAAAGAGGCGA
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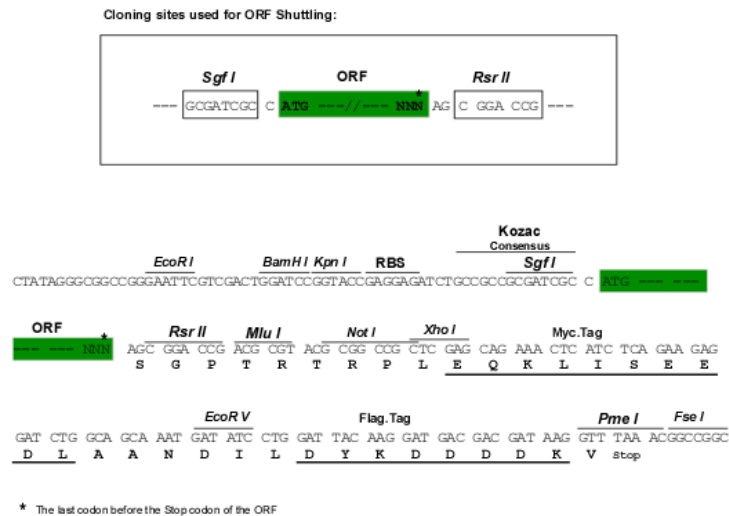
Protein Sequence: >RR206299 representing NM_001134961
 Red=Cloning site Green=Tags(s)

MDASLEKIADPTLAEMGKNLKEAMRMLENSPRRIEEESGKKPVPEDIPGPLQGSGQDMVSILQLVQNLMMH
 GDEDEEPQSTRIQNIQEQQHMALLGHSLGAYISTLDKEKLRKLTTRILSDTTWLCRIFRYENGCAFYFHE
 KEREGLAKICRLAIHSRYEDFVVDGFNVLYNKKPIIYLSAAARPGLGPYLCNQLGLPFPCLCRVPCNTMF
 GSQHQMDVAFLEKLIKDDVERGRPLLLVANAGTAAVGHTDKIGRLKELCEQYGIWLHVEGVNLATLALG
 YVSSSVLAATKCDSMTLTPGLWLGLPAVPAVTLYKHDDPALTLIAGLTSNKPADKLRALPLWLSLQYLGL
 DGIVGRIKHACQLSQRLQESLKKVDHIKILVEDELSSPVVVFRRFFQELPTLDPAFKVAAVSNIAAAVGR
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 FKMGPYKSMKSCIYIGMASDDVDVSELVETIAITAREIEENSRLLENMTEVVRKGIQEAQVQLQKANEE
 RLLEEGVLRQIPVVGSVLWNFSPVQASQKGRSFNLTAGSLESTEYTYVYKVQGTGVTPTPTPSGTRSKQR
 LPGQKPFKRSRSDAVSETSSVSHIEDLEKVEQLPSGLEHDNLEAQCPEQPCRAADPVARQTEALQDEE
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SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN:	NM_001134961
ORF Size:	2355 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001134961.1, NP_001128433.1

RefSeq Size: 4328 bp

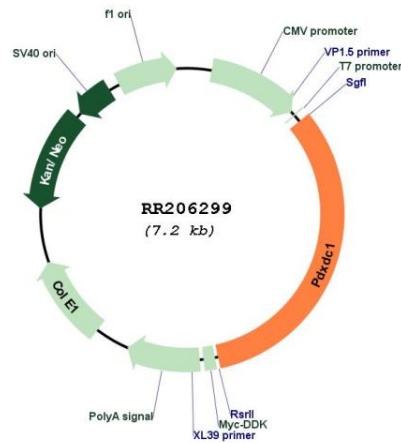
RefSeq ORF: 2358 bp

Locus ID: 304721

Cytogenetics: 10q11

MW: 87 kDa

Product images:



Circular map for RR206299