

## Product datasheet for **RR216919**

### **Pdp1 (NM\_001271108) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pdp1 (NM_001271108) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pdp1
Synonyms:	Ppm2c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR216919 representing NM\_001271108  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTGTGTGTGCCGGGCCAGACGAATTGGAATCCCGTCCAGAACATCCAGTCTACCACTGTTCTCTG  
 ATGCCATGCCAGCACTCACTGTTTTTCTCTCGTCCGTAAGTGTGAAGTGAAGCAGCAATCTATGG  
 CACTGCATGTTACTGCCACCACAAACATCTCTGCTGTTACCACCGTACATTCCTCAGAATCGTCTGAGA  
 TACACACCCCATCCAGCATATGCTACCTTTTGTAGGCCAAGGGAGAAGTGGTGGCAGTATACTCAAGGAA  
 GGAGATATGCTTCTACGCCTCAGAAATTTACCTCACACCTCCACAAGTCAACAGCATCCTAAAGCTAA  
 TGAATACAGCTTCAAAGTACCAGAATTTGATGGCAAAAATGTCAGTTCATTCTTGGATTGACAGCAAT  
 CAGCTGCCTGCAAATGCACCCATAGAAGACCGGAGAAGTGCAGCAACCTGCTGCAGACCAGAGGGATGC  
 TTTTGGGCGTTTTGATGGTCATGCAGGCTGTGCTTGTCCCAGGCAGTCACTGAAAGACTCTTCTATTA  
 TATTGCTGTTTCTTGTACCCCATGAGACTTTGCTAGAGATTGAAAATGCAGTGGAGAGTGGTCCGGCA  
 CTGCTACCTATCCTTCAGTGGCACAAGCACCCCAATGATTACTTCAGTAAGGAGGATCCAAATTGTATT  
 TCAACAGCTTGAGGACTTACTGGCAAGACTTATAGACCTCAATACTGGAGAATCAGCTGATATTGATGT  
 TAAGGAGGCTTTAATTAATGCTTTCAAGAGACTTGATAATGACATTTTATTGGAGGCTCAAGTCGGTGT  
 CCTAATCTTTTTCTCAATTACCTGGTGTTCGGGTAGCATTCTTCTGGGGTACTGCTTGTGTGGCCATG  
 TAGATGGTGTGACCTCCATGTGGCTAACACTGGCGATAGTAGAGCCATGCTAGGTGTGCAAGAAGAAGA  
 TGGCTCCTGGTCAGCAGTCAAGCTCTCTAATGACCACAATGCTCAGAATGAAAGAGAAGTGAACGCTCA  
 AAAGTGAACACCCAAAAAATGAGGCCAAGAGCGTGGTAAAGCAGGATCGGCTGCTTGGCTTGTGATGC  
 CCTTTAGGGCTTTTGGGGATGTAAGTTCAAATGGAGCATTGACCTTCAAAGAGAGTGAATAGACTGG  
 CCCAGACCAGTTGAATGACAATGAATACACCAAGTTTATCCCTCCTAACTATCATACACCTCCTTATCTC  
 ACTGCTGAGCCAGAGGTAACCTTATCACCGATTAAGGCCACAGGATAAATCCTAGTGTAGCAACTGATG  
 GATTGTGGGAGACTATGCATAGACAGGATGTGGTTAGGATTGTGGGTGAGTACTTAACTGGTATGCATCA  
 CCAACAGCCAATAGCTGTTGGTGGGTACAAGGTGACTCTGGGACAGATGCATGGCCTTTTAAACAGAAAGG  
 AGAGCAAAGATGTCATCAGTCTTTGAGGATCAGAATGCAGCAACCCATCTCATTCCGCATGCTGTAGGCA  
 ATAATGAATTTGGAGCTGTTGATCATGAACGACTCTCTAAATGCTTAGCCTTCTGAAGAGCTTGTCTCG  
 GATGTATAGAGATGACATTACAATCATTGTAGTTCAGTTCATTCTCATGTTGTAGGAGCATATCAAAC  
 CAGGAACAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MCVCPGPRRIGIPVRTSSLPLFSDAMPAPTQLFFPLVRNCEL SRIYGTACYCHHKHLCCSPYIPQNRLLR  
 YTPHPAYATFCRPRENWWQYTGRRYASTPQKFYLTPPVNSILKANEYSFKVPEFDGKNVSSILGFDSN  
 QLPANAPIEDRRSAATCLQTRGMLLGVFDGHAGCACSQAVSERLFYYIAVSLLPHETLLEIENAVESGRA  
 LLPILQWHKHPNDYFSKEASKLYFNLSLRTYWQELIDLNTGESADIDVKEALINAFKRLDNDISLEAQVGD  
 PNSFLNLYLVRVAFSGATACVAHVDGVDLHVANTGDSRAMLGVQEEDGSWSAVTLSDNHNAQNERELERL  
 KLEHPKNEAKSVVKQDRLLGLLMPFRAFQDVKFKWSIDLQKRVIESGPDQLNDNEYTKFIPPNYHTPPYL  
 TAEPEVTHRLRPQDKFLVLA TDGLWETMHRQDVVRIVGEYLTGMHHQPIAVGGYKVTLLGQMHGLLTER  
 RAKMSSVFEDQNAATHLIRHAVGNNEFGAVDHERLSKMLSLPEELARMYRDDITIIIVVQFNHSHVVGAYQN  
 QEQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

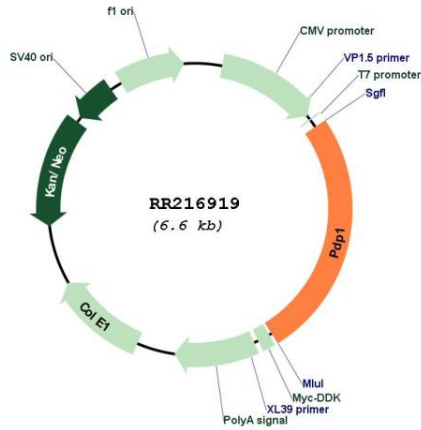
**Restriction Sites:**

SgfI-MluI



**Gene Summary:** catalytic subunit of the mitochondrial matrix phosphatase; involved in reactivation of the pyruvate dehydrogenase complex [RGD, Feb 2006]

**Product images:**



Circular map for RR216919