

Product datasheet for **RR205691**

Ppcdc (NM_001108763) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppcdc (NM_001108763) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ppcdc
Synonyms: RGD1306267
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205691 representing NM_001108763
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCCCTGCTCAAGATCACACACCAGATCAGGAGAACAGCCCTGGACAGGACCTGGACTCCTGCTTCA
CAGGGCAGATTCTTCTCAGCTCCCAGAAAGCCACCAGATCCCGCATGGAACCAGAGGCCCATGCCAGC
CTCCATACCCTCAGTGGAGAGAAAGTTCATGTTCTTGTGGGTGTCAGTGAAGCGTTGCTGCGCTGAAG
CTGCCTCTTCTGGTATCAAAGCTTTGGACATTCTGGGCTGGAAGTCAAGTGGTAACAACGGAGAGAG
CCAAACATTTCTACAGCCCTCAGGATGTCCCGTCACCCTCTACAGCGATGCTGATGAATGGGAGATGTG
GAAGCGCCGTTCCGACCCAGTTCTCCACATTGACCTGCGGAGGTGGGCCGACCTCATGGTAGTGGCTCCC
CTCGATGCCAACACTCTGGGGAAGGTGGCCAGTGGCATCTGTGACAATTTACTTACCTGTGTATCCGGG
CCTGGGACCTCAACAAGCCTCTACTCTTCTGCCCGCCATGAACACTGCCATGTGGGAGCATCCGCTCAC
TGCCAGCAGGTGGGCCAGCTCAAGGCCCTTGGCTATGTGGAGATTCCCTGTGTGAGCAAGAAGCTGGT
TGTGGAGACCAAGGTCTAGGAGCCATGGCTGAAGTGGAGATCATTGTGGCTAAGGTGAAGGACGTGCTCT
TCCAGCATGGTGGCATCCAGCAAAGTCCAGCATGGTGGCATCCAGCAAAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR205691 representing NM_001108763
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MIP AQDHTPDQENSPGQDL DSCFTGQILLSSQKATRSRMEPEAPCPASIPSVERKFHVLVGVGTGSVAALK
 LPLL VSKLLDIPGLEVT VVTT ERAKHFYSPQDVPVTL YSDADEWEMWKRRSDPVLHIDLRWADLMVVAP
 LDANTLGKVASGICDNL L TCVIRAWDLNKPL LFCPAMNTAMWEHPLTAQQV GQLKAFGYVEIPC VSKKL V
 CGDQGLGAMAEVEIIVAKVKDVL FQHGGIQSSSMVASSK

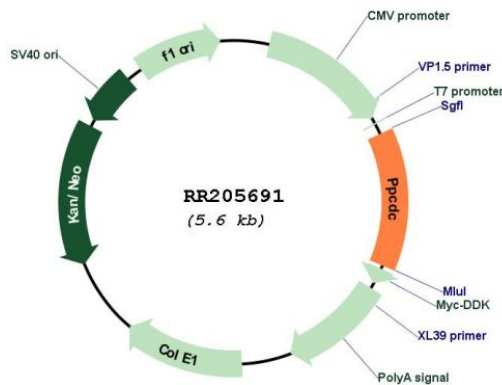
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108763
ORF Size: 726 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:	<ol style="list-style-type: none"> 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 Size:	2714 bp
RefSeq ORF:	729 bp
Locus ID:	363069
Cytogenetics:	8q24
MW:	26.6 kDa