

Product datasheet for **RR213351**

Ptcd3 (NM_001134718) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptcd3 (NM_001134718) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ptcd3
Synonyms:	MGC112724
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RR213351 representing NM_001134718
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGCCGAGCGGCTGCTCGCTGTTTGCCTTTCGACGGTCTTGTCTTGCTGCGGACCCTCGGG
 AAACGGGTGTGTATGAACCGAAGCTCTGTTGCAGATTTTATCCTGGAAGTGAATCCCTCCCAAAGTTGA
 AGGAACAGATATAACAGGGATTGAAGAAATAGTATTCCAAAAAGAAAACATGGGATAAAGTGGCCGT
 CTTCAAGCACTTGCATCCACAGTAACCAGGGATCCTACAGCTGCACCTTACGTGTTTCAGGATGACCCTT
 ACCTCATACCAACCTCTGCGATGGAGTCTCGTTCTGTTTTATTGGCAAAGAAATCTGGAGAGACTGCAGC
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 CAAACCGAACATTTGGAAAACCTTGAAGAGGCTGCTGAGGAAAACAACCAACACCCAGGATGGAGTCTG
 GTCTTTGGAAAGCACAACAATGCCGAGAGAATCTTGTCTGTATGCCAGAGAAAAATGCACGCTCCTA
 CTGCACGATGATCCGAGGGATGGTGAAGCACCGAGCTTATGCACAGGCGTTGAACCTGTACACTGAGTTA
 TTAATAACAGACTTAGTGCTGTATACACCTTTAATGCATTGATTGAAGCAAAAACATTCATCCCA
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 GCCAAACCTGCAGACGTTAACACAACGCTGAAATGTCTCCGCAAGTTTCATTCACTTGGAAAGGCTACCA
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 TTGACCCAGAGCAAAAAGAAGCCCTGAGTAACCTCACTGCACTGAACAGTAGTGATGGAGAAAGCAGCAG
 TGACAGTGACAGTGACATCAGTGAACAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Protein Sequence: >RR213351 representing NM_001134718
 Red=Cloning site Green=Tags(s)

MAAAAAARCLPFRSGLVLLRTTRETGVYEPKLCRFYPGSESLPKVEGTDITGIEEIVIPKKKTWDKVAV
 LQALASTVTRDPTAAPYVFQDDPYLIPTSAMERSFLLAKKSGETAAKFIINSHPKYFQKDIAEPHIPCL
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 QTEHLENLEAAEENQTPRMESGLWKAQNAERIFALMPEKNARSYCTMIRGMVKHRAYAQALNLYTEL
 LNNRLSADVYTFNALIEAKTFIPNEKFEEKWNDILDLLRHMVAQKVKNLQTFNTTLKCLRKFHSLGRLP
 ALQILREMKHIGIEPSLATYHHIHLFYPRDSSSIKIPSLIIYDIMNELEGRTFSPQDLDDDKFFQSAMT
 VCSSLRDLELAYQLHGLLNTGDNRKLIGPDSQRKAYYSKFFSLICSLEQIDVTLKWKYKDLIPSVFLPHSQ
 IFIGLLQAVDVANRLEMVPIWKDSKEYGHTFRGALREEVLMMLARDKHSPELQVAFADCAADIKSTYEN
 QDARQ TALDWPANPLHYIAFLFRGGRTQEAWKMLTLFRKHNIKIPRNELLEEFMDTAKASSSTTLAIEV
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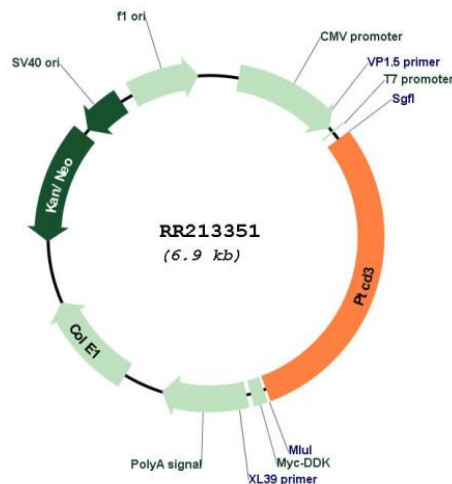
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001134718

ORF Size: 2061 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_001134718.1](#), [NP_001128190.1](#)

RefSeq Size: 2634 bp

RefSeq ORF: 2064 bp
Locus ID: 500199
Cytogenetics: 4q31
MW: 78 kDa