

Product datasheet for **RR200619**

Pik3cd (NM_001108978) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pik3cd (NM_001108978) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pik3cd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

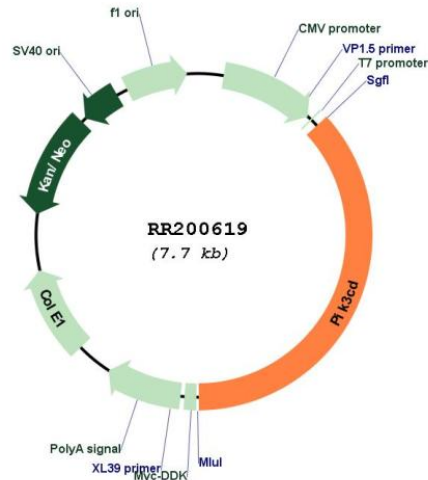
>RR200619 representing NM_001108978
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCCCTGGGGTAGACTGCCCATGGAGTTCTGGACCAAGAGGAGAGCCAGAGCGTGGCCGTTGACT
 TCTTGCTGCCACAGGAGTCTACTTGAACCTCCCTGTGTCCCGCAATGCCAACCTCAGCACCATCAAGCA
 GGTGCTGTGGCATCGTGCACAGTATGAGCCGTTCTCCACATGCTCAGTGACCCCGAGGCTTATGTGTTT
 ACCTGTGTGAACCAGACAGCGGAGCAGCAGGAGTTGGAGGATGAGCAGCGGAGGCTGTGTGACATCCAGC
 CCTTCTGCCCGTGTGCGCCTGGTGGCCCGAGAGGGGACCCTGGAAGAAGCTCATCAACTCACAGAT
 CAGCCTCCTCATCGCAAAGGTCTCCATGAGTTTGATTCCCTGCGGGACCCGGAAGTAAACGACTCCGC
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 GGAATTCACCCTCCTGTGCTGGTACTGTGTGGCCACATATGTGCTGGGCATCGGTGACCGGCACAGC
 GATAACATCATGATCAGAGAGAGTGGGAGCTTTTCCACATTGACTTTGGCCACTTTCTGGGAACTTCA
 AGACCAAGTTCGGGATCAACCGGGAGCGTGTCCCCTTCACTTCCACTACGACTTTGTCCACGTGATCCA
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 CTGCGGCGTACGGGCTGCTTTTCTTCTCTTTCGCCCTCATGCGCGCAGCAGGTCTGCCTGAGCTTA
 GCTGCTCAAAGACATCCAGACTCTCTGGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Plasmid Map:



ACCN: NM_001108978

ORF Size: 2832 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_001108978.1](#), [NP_001102448.1](#)

RefSeq Size: 4788 bp

RefSeq ORF: 2835 bp

Locus ID: 366508

Cytogenetics: 5q36

MW: 107.9 kDa