

Product datasheet for **RN200619**

Pik3cd (NM_001108978) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN200619 representing NM_001108978
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCCCTGGGGTAGACTGCCCATGGAGTTCTGGACCAAGAGGAGAGCCAGAGCGTGGCCGTTGACT
 TCTTGCTGCCACAGGAGTCTACTTGAACCTCCCTGTGTCCCGCAATGCCAACCTCAGCACCATCAAGCA
 GGTGCTGTGGCATCGTGCACAGTATGAGCCGTTCTCCACATGCTCAGTGACCCCGAGGCTTATGTGTTT
 ACCTGTGTGAACCAGACAGCGGAGCAGCAGGAGTTGGAGGATGAGCAGCGGAGGCTGTGTGACATCCAGC
 CCTTCTGCCCGTGTGCGCCTGGTGGCCCGAGAGGGGGACCGCGTGAAGAAGCTCATCAACTCACAGAT
 CAGCCTCCTCATCGCAAAGGTCTCCATGAGTTTGATTCCCTGCGGGACCCGGAAGTAAACGACTCCGC
 ACTAAGATGCGCCAGTTTTCGAAGAGGGCCGGCTCACCGCCAGCAGCTGGGCTGGGTGGAATGGCTGC
 AGTATAGCTTCCCCTGCAGCTGGAGCCCTCAGCCAGAGGTTGGCGGGCTGGCTTATTGCATGTCAGCAA
 CCGACCCCTGCTGGTCAATGTGAAGTTCGAGGGCAGTGAGGAGAGCTTCCCTTCCAGGTATCCACCAAG
 GACATGCCCTCGCACTGATGGCCTGTGCCTCCGAAAAAGGCCACCGTGTCCGGCAGCCTCTGGTGG
 AGAGGCCCTGAGGAGTATGCCCTGCAGGTGAACGGGAGGCACGAGTACCTCTACGGCAGCTACCCCTCTG
 CCACTTTCAGTACATCTGTAGCTGCCTGCACAGCGGACTGACTCCCCATCTGACCATGGTCCACTCCTCC
 TCCATCCTCGCCATGAGGGATGAGCAGAGCAACCTGCCCCAGGTGCAGAAGCCACGAGTCAAACCTC
 CCCCAGTCCCTGCCAAGAAGCCCTCCTCTGTGTCCCTGTGGTCCCTGGAACAGCCATTCTGCATTGAGCT
 GATTGAGGGCCGAAGGTGAATGCGGATGAAAGGATGAAGCTGGTGTGCAGGCCGGGCTTCCACGGC
 AATGAGATGCTGTCAAGACTGTGTGAGCTCAGAGGTGAATGTGTGCTCAGAGCCCGTGGAAAGCAGC
 GACTAGAATTCGACATCAGCATCTGTGACCTCCCCGAATGGCCGGCTGTGTTGCACTCTATGCTGT
 CGTGGAGAAGGCTAAGAAGGCCGCTCCACAAAGAAGAAGTCCAAGAAGGCGGACTGTCCCATCGCTTGG
 GCCAACCTCATGTATTGACTACAAAGATCAGCTCAAGACGGGCGAACGGTGCCTCTACATGTGCCCT
 CTGTCCCAGATGAGAAAGGGAACTGATGAATCCTGCGGGTACAGTACGTGGTAACCCCAACACAGAGAG
 TGCCGCTGCCCTGGTCACTACCTACCTGAGGTGGCTCCCCACCCTGTGTACTTCCCTGCTCTGGAGAAG
 ATCCTGGAGCTGGGGCTCACGGGAGCGTGGCGCATCACAGAGGAGGAGATGCTCTATTTGCTGTGCT
 CCTGGCCCGAGCTTCTGTGCTGAGCGCCTGGAGCTTCTGGACTTTAGTTTTCTGACTGCTACGTGGG
 TTCTTTCGCCATCAAGTCCCTACGGAAGCTGACGGATGACGAGCTTTCCAGTACCTTCTGCAGCTGGTA
 CAAGTACTCAAATATGAGTCTACCTGGACTGCGAGTTGACCAAATCTTGTGGCCGAGCCCTGGCTA
 ACCGCAAGATCGGCACCTCCTGTTCTGGCACCTCCGCTCTGAGATGCATGTACCGTCCGTGGCCCTGCG
 TTTTGGCCTCATCATGGAAGCCTACTGCAGAGGCAGCACCCACCACATGAAGGTGCTGATGAAGCAGGGG
 GAGGCACTGAGCAAGCTTAAGGCCCTGAATGACTTTGTGAAGGCGAGCTCGCAGAAGACCACCAAGCCCC
 AGACCAAGGAGATGATGCATATGTGATGCGCCAGGAGACTTACATGGAGGCGCTGTCCCACCTGCAGTC
 TCCCCTCGACCCAGCACCTGCTGGAGGAAGTCTGTGTGGAGCAGTGCACCTTCATGGACTCCAAAATG
 AAGCCATTGTGGATCATGTACAGCAGCGAGAAGGACGGCGGTGCCGCGAGCGTGGGCATCATCTTTAAGA
 ACGGGGATGACCTCCGCCAGGACATGCTGACTTGCAGATGATCCAGCTCATGGACTTCTATGGAAGCA
 GGAGGGCCTGGACCTGAGGATGACCCCTATGGCTGCCTCCCCACCGGAGATCGCACAGGCCTCATTGAG
 GTGGTCTCCACTCGGACACCATCGCCAACATCCAGCTGAATAAAAGCAACATGGCAGCCACGGCTGCGT
 TCAACAAGGACGCTCTGCTCAACTGGCTCAAGTCTAAGAACCCTGGGAGGCTCTGGATCGGGCCATTGA
 GGAATTCACCCTCTCTGTGCTGGCTACTGTGTGGCCACATATGTGCTGGGCATCGGTGACCGGCACAGC
 GATAACATCATGATCAGAGAGAGTGGGCAGTTTTCCACATTGACTTTGGCCACTTTCTGGGAACTTCA
 AGACCAAGTTCGGGATCAACCGGGAGCGTGTCCCCTTCTTCTCACCTACGACTTTGTCCACGTGATCCA
 GCAGGGGAAGACTAACAACAGTGAGAAATTTGAAAGGTTCCGAGGCTACTGTGAACGAGCCTACACCATC
 CTGCGGGCTCACGGGCTGCTTTTCTTCTCTCTTCCGCTCATGCGCGCAGCAGGTCTGCCTGAGCTTA
 GCTGCTCAAAGACATCCAGACTCTTGGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_001108978
Insert Size:	2835 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_001108978.1</u> , <u>NP_001102448.1</u>
RefSeq Size:	4788 bp
RefSeq ORF:	2835 bp
Locus ID:	366508
Cytogenetics:	5q36