

Product datasheet for **RN207451**

Cdkl3 (NM_021772) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdkl3 (NM_021772) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdkl3
Synonyms:	Nkiatre; Nkiatreb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN207451 representing NM_021772
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGATGTATGAAACCCTTGAAAAGTAGGAGAGGGAAGTTATGGAACGGTCATGAAATGCAAGCATA
AGGATACTGGGCGGATAGTGGCCATTAAGATATTCTATGAGAAAACAGAAAAATCTGTCAACAAAATTGC
AACGAGAGAAAATAAGTTTCTAAAGCAATTCGTCATGAAAACCTGGTCAATCTGATTGAAGTTTTAGA
CAAAAAAGAAAAATCCATTTGGTATTTGAGTTTATTGACCACACGGTCTTAGATGAGTTACAGCATTATT
GTCACGGATTAGAGAGTAAGCGACTAAGAAAGTACCTGTTCCAGATCCTCCGAGCGATCGAGTATCTGCA
CAACAACAACATTATCCACCGAGATATAAAGCCTGAGAATATTTTAGTCTCCAGTCAGGAATTACAAG
CTCTGCGATTTTGGGTTTGGCGGACACTAGCAGCTCCTGGAGACGTTTACACAGACTACGTGGCCACCC
GCTGGTACAGAGCTCCAGAGCTGGTGTGAAAGACACCACCTATGAAAACCAAGTGGATATCTGGGCTTT
GGGCTGTATGATCATTGAAATGGCCACTGGCAATCCCTACCTTCTAGCAGTTCCGATTTGGATTTGCTC
CACAAGATTGTTTTAAAAGTAGGCAACCTGACCCCGCACATATTTTTTCCAAGAGTCCCATCT
TTGCTGGGGTGGTTCTTCTCAAGTTCAACATCCCAAAAACGCAAGAAAGAAATACCCAAAGCTCAACGG
ATTGCTGGCAGATATAGTTCATGCTTGTTTACAAATTGATCCTGCTGAGAGGATATCATCCACCGATCTT
TTGCATCACGATTACTTTACTAGAGATGGATTTATTGAGAAATTTATACCAGAGCTGAGAGCTAAGTTAT
TACAGGAAGCAAAGGTTAATTCATTTATAAAGCCAAAAGAGAATTTAAGGAAAATGAACCTGTGAGAGA
TGAGAAAAACCAGTTTTACCAACCCTCTGCTCTATGAAAACCAACACTTTATGGAAGGAAGTGGAC
AGAGACAAAAGGCCAAGGAGCTCAAAGTCAGAGTCATTAAGGCCAAAGGGGAAAAGGAGACGTCCCAG
ACCTGAAGAAGACAGAGAGTGAAGGTGAACACCCAGCCAGGGCACAGCTGAGGACACACACCCCATC
ACTGGACAGGAAGCCTTCTGTCTCGGAACTAACAAACCCTGTCCATCCCAGTGCGAATTTCTGACACTGTC
AAAGAAGACCCACACTCTGGGGCTGTATGATAATGCCACCTATCAACCTGACAAGCAGTAATTTGTTGG
CCGCAATCCCAGTTCAACCTCTCCACCCCAATTCACGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_021772

Insert Size: 1374 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:

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_021772.2](#), [NP_068540.1](#)

RefSeq Size: 1731 bp

RefSeq ORF: 1374 bp

Locus ID: 60396

UniProt ID: [Q9JIM01](#)

Cytogenetics: 10q22

Gene Summary: putative protein serine kinase with similarity to MAPKs and CDKs; human homolog may play a role in inhibition of cell growth [RGD, Feb 2006]