

Product datasheet for **MR214809**

Cdkl3 (NM_001166655) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdkl3 (NM_001166655) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cdkl3
Synonyms:	A1852479; B230379H01 Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR214809 representing NM_001166655
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATGTATGAAACCCTTGGAAAAGTGGGAGAGGGAAGTTATGGAACGGTCATGAAATGCAAACATA
 AGGACACTGGGCGAATAGTGGCCATTAAGATTTCTATGAGAAAACAGAAAAATCTGTCAACAAAATTGC
 AACGAGAGAAAATAAGTTTCTAAAGCAATTTTCGCATGAAAACCTGGTCAATTTGATTGAAGTTTTAGA
 CAAAAGAAGAAAATTCATTTGGTATTTGAGTTTATTGACCACACGGTCTTAGATGAGCTGCAGCACTACT
 GTCACGGACTAGAGAGTAAGCGGCTGAGAAAGTACCTCTTCCAGATCCTTCGCGCCATTGAGTACCTGCA
 TAATAATAATATTATCCATCGAGATATAAAGCCTGAGAATATTTAGTCTCCAGTCAGGAATTACGAAG
 CTGTGTGATTTTGGGTTTGGGAGACACTAGCAGCTCCTGGAGACGTTTACACAGACTACGTGGCCACAC
 GCTGGTACAGAGCTCCAGAGCTGGTGTGAAAGACACCTCTACGAAAGCCAGTGGACATCTGGGCTTT
 GGGCTGTATGATCATTGAAATGGCCACTGGCCATCCCTTCTTCTAGCAGTTCCGATTTGGATTTGCTC
 CACAAGATTGTTTTAAAAGTAGGCAACCTGACCCCGCACCTGCACAATATCTTTTCCAAGAGTCCCATCT
 TTGCTGGGGTGGTTCTTCTCAAGTTCAACACCCAAAAACCGCAAGAAAGAAATACCCCAAGCTCAATGG
 ATTGCTGGCAGATATAGTTCATGCTTGTTTACAAATTGATCCTGCTGAGAGGACATCATCTACTGATCTT
 TTGCGTACGATTACTTTACTAGAGATGGATTTATTGAGAAATTCATACCAGAGCTGAGAGCTAAATTAT
 TACAGGAAGCAAAGGTTAATTCATTTATAAAGCCAAAAGAGAATTTAAAGAAAATGAACCTGTGAGAGA
 TGAGAAGAAATCAGTTTTACCAACACCCTGCTCTATGGAATCCATCACTTTATGGCAAGGAAGTGGAC
 AGAGACAAAAGGCCAAGGAGCTCAAAGTCAGAGTCATTAAGGCCAAAGGGGCAAGGAGATGTCCAG
 ACCGAGAAGAACGAGATGAAGGCGACCACCCAGCAGGGCACAGCTGATGACACACAGCCCTCATC
 ACTGGACAAGAAGCCTTCTGTCTTGAAGTACAAACCCCTCAATCCCAGTGAGAATTCGACGGTGTG
 AAAGAAGACCCACAGCTGGGGTTGTATGATAATGCCACCTATCAACCTGACAAGCAGTAATTTGTTGG
 CCGCAATCTCAGTTCAACCTTTCCACCCCAATTCACGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR214809 representing NM_001166655
 Red=Cloning site Green=Tags(s)

MEMYETLKGVEGSYGTVMKCKHKDTGRIVAIAIKIFYEKPEKSVNKIATREIKFLKQFRHENLVNLIIEVFR
 QKKKIHLVFEFIDHTVLDELQHYCHGLESKRRLKYLQILRAIEYLNHNNIIHRDIKPENILVSQSGITK
 LCDFGFARTLAAPGDVYTDYVATRWYRAPELVLKDTSYGKPVDIWALGCMIIEMATGHPFLPSSSDLDLL
 HKIVLKVGNLTPHLHNIFSKSPIFAGVVLQVQHPKTARKKYPKLNGLLADIVHAQLQIDPAERTSSDL
 LRHDYFTRDGFIEKFIPELRAKLLQEAKVNSFIKPKENFKENEPVRDEKKSVMFTNTLLYGNPSLYGKEVD
 RDKRAKELKVRVIKAKGGKGDVPDQKKPEYEGDHRQQTADDTQPSSLDKKPSVLELTPNLPSENSDGV
 KEDPHAGGCMIMPPINLTSNLLAANLSSNL SHPNRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

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_001166655.1](#), [NP_001160127.1](#)

RefSeq Size: 1896 bp

RefSeq ORF: 1374 bp

Locus ID: 213084

UniProt ID: [Q8BLF2](#)

Cytogenetics: 11 B1.3

MW: 52.4 kDa