

Product datasheet for **MC219068**

Cdkl2 (NM_016912) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdkl2 (NM_016912) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdkl2
Synonyms:	5330436L21Rik; AI505225; KKIAMRE; Kkm
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219068 representing NM_016912
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGAAGTACGAGAACCTAGGATTGGTTGGAGAGGGGAGTTACGGAATGGTGTGAAGTGTAGGAACA
AAGACAGTGAAGAATTGTGGCCATTAAGAAGTTCCTAGAAAAGTACGATTGATAAAATGGTTAAGAAGAT
CGCAATGCGAGAGATCAAGTTACTAAAGCAACTGCGGCATGAAAAATTTGGTGAATCTGTTGGAAGTATGT
AAGAAAAAAAACGTTGGTACCTAGTCTTTGAATTTGTTGACCACACGATTCTTGATGACTTGAACTCT
TTCCAAATGGACTAGACTATCAAGTAGTTCAAAAATATTTGTTTCAGATTATTAATGGAATTGGATTTTG
CCACAGTCACAATATCATAACAGAGATATAAAGCCTGAGAATATATTAGTCTCCAGTCTGGCGTTGTA
AAATTATGTGACTTTGGATTTGCACGGACCCTGGCGGCTCCAGGGGAGGTTTACTACTGACTATGTGGCCA
CCCGGTGGTACAGAGCTCCAGAAGTCTGGTGGTACGTCAGTCAAGTATGGCAAGGCTGTGGATATCTGGC
CATTGGTTGTCTGGTATTGAAATGCTTATGGGGCAGCCACTGTTCCAGGAGAATCTGATATTGATCAG
CTACATCATATTATGACATGTTTAGGTAATTTAATCCAAGACACCAGGAGCTATTTTATAAAAAATCCTG
TGTTTGCTGGAGTAAGGTTGCCTGAGGTCAAAGATGCAGAAGCAGAGCCTCTTGAGAGCCGCTATCCTAA
GCTCCCTGAAGCTGTGATCAGTTTAGCAAAGAAATGCTTGACATTGACCCAGACAAAAGGCCCTTCTGT
GCTGACCTTCTGCGCCATGACTTCTTTCAAATGGATGGATTTGCTGAGAGGTTTTCTCAAGAATTGCAGT
TAAAAATAGAGAAAGATGCCAGGAATAATTCTTACCTAAAAAGTCTCAAAACAGAAAGAAAAGAAAAAGA
CGATGCCTTAGGTGAAGAAAGAAAAACCCTTGTGGTACAGGATACCAATGCTGACCCAAAATTAAGGAT
TCAAAAAGTATTTAAAGTAAAGGGGTCAAAAATGATGTTGAGAAAATGGAAAAAGGAAGTAGAGCTTCAA
ATGCCAACTGTCTCCATGACAATGGGACAAACCACAAAGGCTTGGCTTCCACCAGCCTCAGAGATTGCAG
CAATGTCAACATTGATCACTCAAGGAACCCAGGCACAGCGATTCTCCCTCACACACAATCTTTCTGCA
GTTGCTCCTGGCATTAAATGCTGGAATGGGACTATTCTGGCGTTCAGAATTACAGAGTGGATGAGAAAA
CAAAGAAATACTGTAATCCATTTGTTAAACCAAATCAGCCTCCTCCAGCAGGGATTTATAATATGAATGT
GAGCACATCCGTCTCAGGTGAAAAGTACCTCCTCAGGCAAAACAAGAAAAGGAAGGAATATCCCAAAGCA
GACGTGCGGTTGCTGAACTAACTATAACCATCTTCTGAACTGAGAGCTTTAGAAGGCATAGCTCGAA
ATTCTAGGCTAATAAAGAAAGAGAACAAATGCCTTTCAGAATCTCGAATTCCTCTCTGGCTGCCATTGA
TCTGCACGTGCCAGTGTTCATCACACCAGGGAGCAGGATCACCCCTGTCAGATGATTCTGAGGCTGAT
TTGCCCTGGATGGAACCAACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_016912

Insert Size: 1707 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_016912.2](#), [NP_058608.1](#)

RefSeq Size: 4079 bp

RefSeq ORF: 1707 bp

Locus ID: 53886

UniProt ID: [Q9QUK0](#)

Cytogenetics: 5 E2