

Product datasheet for **MC228321**

Cdkl2 (NM_001276315) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdkl2 (NM_001276315) 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: >MC228321 representing NM_001276315
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAAGTACGAGAACCTAGGATTGGTTGGAGAGGGGAGTTACGGAATGGTGTGAAGTGTAGGAACA
 AAGACAGTGAAGAATTGTGGCCATTAAGAAGTTCCTAGAAAAGTACGATTGATAAAATGGTTAAGAAGAT
 CGCAATGCGAGAGATCAAGTTACTAAAGCAACTGCGGCATGAAAAATTTGGTGAATCTGTTGGAAGTATGT
 AAGAAAAAAAACGTTGGTACCTAGTCTTTGAATTTGTTGACCACACGATTCTTGATGACTTGAACTCT
 TTCCAAATGGACTAGACTATCAAGTAGTTCAAAAATATTTGTTTCAGATTATTAATGGAATTGGATTTTG
 CCACAGTCACAATATCATAACACAGAGATATAAAGCCTGAGAATATATTAGTCTCCAGTCTGGCGTTGTA
 AAATTATGTGACTTTGGATTTGCACGGACCCTGGCGGCTCCAGGGGAGGTTTACTACTGACTATGTGGCCA
 CCCGGTGTACAGAGCTCCAGAAGTCTGGTCCGTTGACGTCAGTCAAGTATGGCAAGGCTGTGGATATCTGGC
 CATTGGTTGTCTGGTCAATGAAATGCTTATGGGGCAGCCACTGTTCCAGGAGAATCTGATATTGATCAG
 CTACATCATATTATGACATGTTTAGGTAATTTAATCCAAGACACCAGGAGCTATTTTATAAAAAATCCTG
 TGTTTGCTGGAGTAAGGTTGCCTGAGGTCAAAGATGCAGAAGCAGAGCCTCTTGAGAGCCGCTATCCTAA
 GCTCCCTGAAGCTGTGATCAGTTTAGCAAAGAAATGCTTGACATTGACCCAGACAAAAGGCCCTTCTGT
 GCTGACCTTCTGCGCCATGACTTCTTTCAAATGGATGGATTTGCTGAGAGGTTTTCTCAAGAATTGCAGT
 TAAAAATAGAGAAAAGATGCCAGGAATAATTCTTTACCTAAAAAGTCTCAAAACAGAAAAGAAAAGAAAAGA
 CGATGCCTTAGGTGAAGAAAAGAAAACCCTTGTGGTACAGGATACCAATGCTGACCCAAAATTAAGGAT
 TCAAAAAGTATTTAAAGTAAAGGGGTCAAAAATGATGTTGAGAAAATGAAAAAGGAAGTAGAGCTTCAA
 ATGCCAACTGTCTCCATGACAATGGGACAAACCACAAAGGCTTGGCTTCCACCAGCCTCAGAGATTGCAG
 CAATGTCAACATTGATCACTCAAGGAACCCAGGCACAGCGATTCTCCCTCACACACAATCTTTCTGCA
 GTTGCTCCTGGCATTAAATGCTGGAATGGGACTATTCTGGCGTTCAGAATTACAGAGTGGATGAGAAAA
 CAAAGAAATACTGTAATCCATTTGTTAAACCAAATCAGCCTCCTCCAGCAGGGATTTATAATATGAATGT
 GAGCACATCCGTCTCAGGTGAAAAGTACCTCCTCAGGCAAAACAAGAAAAGGAAGGAATATCCCAAAGCA
 GACGTGCGGTTGCCTGAACTAACTATAACCATCTTCTGAACTGAGAGCTTTAGAAGGCATAGCTCGAA
 ATTCTAGGCTAATAAAGAAAAGAGAACAAATGCCTTTCAGAATCTCGAATCCCTCTCTGGCTGCCATTGA
 TCTGCACGTGTCCAGTGTTCATCACACCAGATGCTGCCAGCCCTGGAGATGACGTCTCTTGCACGAGA
 GCACTGATACCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001276315
- Insert Size:** 1695 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001276315.1](#), [NP_001263244.1](#)

RefSeq Size: 4256 bp

RefSeq ORF: 1695 bp

Locus ID: 53886

UniProt ID: [Q9QUK0](#)

Cytogenetics: 5 E2