

## Product datasheet for **RN201825**

### **Cdkl2 (NM\_001012035) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cdkl2 (NM_001012035) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdkl2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201825 representing NM\_001012035  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAAAGTATGAGAACCTAGGATTGGTTGGAGAGGGGAGTTACGGAATGGTGTGAAGTGTAGGAACA  
 AAGACAGTGAAGAATTGTGGCCATTAAGAAGTCTTAGAGAGCGATGACGATAAAATGGTTAAGAAGAT  
 CGCTATGCGAGAAATCAAGTTACTAAAGCAACTGCGGCATGAAAAATTTGGTGAACCTGTTGGAAAGTGTG  
 AAGAAAAAGAAGCGTTGGTACTTAGTCTTTGAATTTGTTGACCACACGATTCTTGATGACTTGAAACTCT  
 TCCCAAATGGACTAGACTATCAAGTAGTTCAAAGTATTTGTTTCAGATCATAATGGAATTGGATTTTG  
 CCATAGTCACAATATCATAACACAGAGATATAAAACCCGAGAATATATTAGTCTCACAGTCTGGCGTTGTA  
 AAATTATGTGACTTTGGATTCGCACGGACATTGGCGGCTCCTGGGGAGGTTTACTACTGACTATGTGGCCA  
 CCCGGTGTACAGAGCTCCAGAAGTCTGGTGGTGTGATGCAAGTACGGCAAGGCTGTTGATATCTGGGC  
 CATTGGTTGTCTGGTCATTGAGATGCTTATGGGGCAACCACTATTTCCAGGAGAATCCGATATTGATCAG  
 CTGCATCATATTATGACATGTTTAGGTAATTTAATTTCAAAGACACCAGGAGCTATTTTATAAAAAATCCTG  
 TGTTTGCTGGAGTAAGGTTGCCTGAGATCAAAGACATAGAAGCAGAGCCTCTCGAGAGCCGCTATCCGAA  
 GCTCCCTGAAGTTGTGATCAGTTTAGCAAAGAAATGCTTGACATTGATCCAGACAAAAGGCCCTTGTGT  
 GCTGACCTTACACCATGATTTCTTTCAAATGGATGGATTTGCTGAGAGGTTTTCTCAAGAATTGCAGT  
 TAAAAATAGAGAAAGATGCCAGGAATAATCTTTACCTAAAAAGTTTCAAATCAGAAAGAAAAGAAAAAGA  
 CGATGCCTTAGGTGAAGAAAGAAAAACACTTGTGGTACAGGATACCAATGCTGATCCCAAACCTAAGGAT  
 TCTAAAGTGTTAAAAGTAAAGGGGTCAAAAATCGATGTCGAGAAAAGTAAAAAGGAACTAGAGCTTCAA  
 ATGGCAGCTGTCTCCATGACAACGGGACAAGCCACAAGGCTTGTCTTCCACAAGCCTCAGAGATTGCA  
 CAATGTACACATTGATCACCCAAGGAATCCAGGCACAGCGATTCTCCCTCACACACAATCTTTCTGCA  
 GTTGCTCCTGGTATCAACGCTGCAATGGGGACTATTCTGGAGTTCAGAATTACAGAGTGGACGAGAAAA  
 CTAAGAAATACTGTAATCCTTTTGTAAACCAAGCCAGCCTTCTCCATCAGGGATTTATAATATGAATGT  
 GAGCGCATCCGTAAGTAAGTCCCTCTGCCACGAAAGAGCAAGCACTCGCCGCTCTAGACCTCGCCGTA  
 AGCATGGGCGCGAGAAGAGTTAAGCTTTACTTGGAGACAGAGAGTGAAACCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001012035

**Insert Size:** 1524 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\\_001012035.1](#), [NP\\_001012035.1](#)

**RefSeq Size:** 2132 bp

**RefSeq ORF:** 1524 bp

**Locus ID:** 305242

**UniProt ID:** [Q5XIT0](#)

**Cytogenetics:** 14p22