

Product datasheet for **MC214690**

Cdkl4 (NM_001033443) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdkl4 (NM_001033443) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cdkl4
Synonyms: AU067824; Gm942
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214690 representing NM_001033443
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAAAGTATGAAAAGCTAGCTAAGATCGGAGAAGGGTCTTATGGCGTTGTATTCAAGTGCAGAAACA
AATCTTCTGGACAAGTAGTAGCGATCAAAAATTCGTGGAATCTGAAGATGATCGTGTCTTAGGAAAAT
AGCCCTGCGGAAATCCGTATGCTGAAGCAGTTGAAACACCCAAACCTCGTGAACCTCATCGAGGTGTT
AGAAGAAAGAGAAAGATGCATCTAGTTTTGAGTACTGTGATCACACACTGTTAAACGAGCTGGAGAGAA
ACCCAAACGGAGTTTCTGATGGAGTGATTAAGTGTGCTATGGCAAACCTTCAAGCCCTTAACCTCTG
TCACAAGCACAATTGTATTCATCGGGATGTAAAACCTGAAAACATCCTAATAACCAAGCAAGGGATGATA
AAGATTTGTGACTTTGGATTTGCACGAATTCTAATTCAGGAGACGCCTACACAGACTATGTTGCCACCA
GGTGGTACCGAGCCCCGAACCTCTCGTGGGAGACACGAAGTACGGTTCCTCTGTAGACGTGTGGGCCGT
CGGCTGTGTTTTGCAGAGCTCCTGACGGTCAGCCACTCGGCCGGGAAAATCCGACGTGGACCAGCTT
TACCTGATCATCAGGACGTTGGGAAGCTGATTCCAAGACACCAGTCTATCTTTAGGAGTAACCAAGTTT
TCCGCGGCATCAGCATACCTGAACCAGAGGACATGGAGACTCTTGAAGAAAATCTCAAATGTTCCAGCC
TGTGGCTTAAAGTTTCATGAAGGATGCCTGAAGATGAATCCTGATGAGAGGCTGACCTGTGCCAGCTG
CTGGACAGTGCCTACTTTGAGTCTTTTCAAGAGGATCAAATGAAAAGAAAAGCCCGCAGTGAGGGGAGAA
GCCGAAGGCGCCAGCAGAATCAACTGCTGCCTCTATTCTGGAAGCCACATCTCCCCACACCTGATGG
AAGGAAACAAGTCGTCCAGTTAAAGTTCGATCATCTTCCAACATT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033443



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Insert Size:	1029 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:	<ol style="list-style-type: none">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:	<u>NM_001033443.4</u> , <u>NP_001028615.1</u>
RefSeq Size:	2931 bp
RefSeq ORF:	1029 bp
Locus ID:	381113
UniProt ID:	<u>Q3TZA2</u>
Cytogenetics:	17 E3