

Product datasheet for **MC202315**

Cdk17 (NM_146239) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk17 (NM_146239) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdk17
Synonyms:	6430598J10Rik; Pctk2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC049904 sequence for NM_146239
 AGCAGTAGCAAGGACAACGAGCCATTGTGAAGAATGGCAGGCCGCCACGTCTCACAGCGTGCATTCCCT
 TCCTCCATCAGTACACAGGCTCCTTCAAGAAGCCCCCGTTGCGGAGACCCACAGTGTTATTGGAGGAAG
 CTTTGGTTCCTTCATGGCAATGCCAGGAATGGAAGCAGACTAGATATTGTTTCATGAAAACTGAAGATG
 GGATCAGATGGTGAAGTACCAAGCTTCTGGGACATCATCTGATGAAGTCCAGTACCTACAGGTGTTT
 GCCTCAGAAATCGTATACATAGACGGATCTCAATGGAGGACTGAATAAGCGGCTGTCGCTGCCTGCAGA
 CATCAGGATACCTGATGGCTACCTGGAGAAGCTGCAGATCAGCAGCCACCCTTTGACCAGCCCATGAGC
 CGCAGGTCGCCGAGAGCTTCCTTATCAGAAATTGGGTTTGGGAAAAATGGAAACCTACATCAAATTGGAAA
 AGCTCGGAGAGGGTACATATGCAACAGTATATAAAGGAAGAAGTAACTGACAGAAAAATTTGGTGGCATT
 AAAAGAGATCCGCTTGGAAACACGAAGAAGTGCACCCTGTACAGCTATAAGAGAAGTTTCACTGTTAAAG
 GATTTAAAAATGCAAATATAGTAACCTTGACGACATCGTTCACACAGACAAATCTTTGACTCTGGTCT
 TTGAGTACCTGGACAAAGACCTGAAGCAATACATGGATGACTGTGGAAACATCATGAGCATGCACAAATGT
 CAAGCTGTTCTGTACCAAATTCCTCGTGGTCTGGCATATTGCCATAGAAGAAAAGTGTTCACCCGGGAC
 TTGAAACACAGAACCTCCTCATTAAATGAGAGAGGAGAACTAAAGCTGGTGTACTTTGGACTAGCCAGAG
 CCAAGTCAGTCCCACAAAGACCTACTCAAATGAAGTTGTCACCCTGTGGTATCGACCACCTGATGTGCT
 TCTTGGTTCCTCAGAATACTCAACACAGATCGACATGTGGGGAGTTGGCTGATTTTTCTTTGAAATGGCT
 TCTGGAAGACCACTGTTCCAGGGTCAACTGTGGAAGATGAACTGCATTTAATTTTTCGACTACTAGGAA
 CTCCATCTCAGGAAACTTGGCCAGGTGTTTCTCAAATGATGAATTCAAGAACTACAACCTCCCAAAATA
 CAAGCCACAACCTCTAATTAATCATGCACCCAGGTTAGATTCTGAAGGAATTGAATTGATAACAAAATTT
 CTTTCAATGATCTAAGAAGAGGGTCCCGCAGAAAGAGGCCATGAAGCAGTGTACTTCCGAGCCTGG
 GGCCGAGGATCCATGCTTTGCCGAGAGCGTATCAATATTCAGTTTGAAGAGATTCAAGTGCAAAAGGA
 CCCGGGTTTTCGAAACTTCTTATCCAGAGACAGCCTTATCCTGATCCTGGAAGTGCAGAGAGGAGAC
 TTAATAACTTGGAAAGACTGAACCTGGAACCTCAGAAGCCCTTAACTGACAAGAATTTGAAGGGGGA
 CTGTCATCACAGGGCTCCTCCAGCTTCTCCGTCTTGATGGCCTTGAAGGCCTTGAGGCCTTTCAGGG
 AGTTGATGGTGAAGGACGAGTAGAGGCCGAGTGGAGGTACTCGTTGCGGCTGGCACTTTTGGAGAGGA
 CAAGCCGTGCCTGTGGACCTCTCGGCCTTCCGGGACACCTTACAGTCGCGCTCCTGCAGCAGGAGGCTC
 TCCCGGCTGATCTCTACCGGTGAGGATCCATTTTCCAGGATATCCGGAAAGAGACGAACTGTACACAA
 ACTTCTGCCCAGTCACTTTCTTGTGATGTTCTGTGAATGCAAAAACAAAAACAAAAACAAAAA
 AAAAAACCCAGACATTTAGAAGGGGTGAGCCAGTACATGGAAGGAGGGGGCCCTGGAACCAAAATGAT
 AGCAGCCAAAGCGCCACCATATTCCTGATGCCACAGGGTGCCTACAAGGAGTACGTGACAGACTGAAG
 GTTCACTGTTACTCTGGTCTGTTGACCAGGAGGAGGGTGGAGTCTCCAGCCTGTGGTGCCTTTCT
 CATCTATTGTCTGTGACGATTTTGAATAGCAAAGCTACCACTGAGCTAGCACTTAACTGCAGGGCTGG
 GATGATTAGACCGTAGCACATGTCATTTGCACAGTAATCCTACAAGCAGGCTTTATCGTTCTTGTGTG
 CAATTAGAAGAGAGAGCTGGGGAGAGCGCTAGCGAATAGATCACATGCATGAGGCCCGGAACTTCGGA
 TCATCAGCACCCATGTAAGGGGGGAGGGGGATGGATGTCTAGGACAAGCTAGATATCTAGGATGGCTA
 GCTAGACCATTCTGAATCCATGAGCTCTGGGTTTCCAGCAAGGGTCTGTCTCAGCAAGTAAAGTGGAGAG
 TGAGTGAGGAAGACATCTGATGCCAGTCTGTGGCTACACACACATGGCCAAGTGTGTACCCATGTACCA
 CGTATACCCACACATGCGTGCACGCCACATAACACATGCAAAAAGAAAAATCTAAGAAGTAGGAGATAA
 ACTTTGAGTACTGCAGTACGCACATGGCCAAGGTTAAGCAAGAAGGGCCAAGGGGAGATTGACTTACGC
 TAACACGGGACTGTCTTACCCGCTCTGGGAACCGAGAGACTACAGTGAATACTAACAAGCAAGCACTC
 TGCTAGAGAACATCTGGAAATGTAAGTTACCGCCACCCAGCAACGCAACCAAGGTTTGCTTACGCCAGG
 CAGCCATTTCTGGCATGAAAGCCACTGGAGAAAACGAAGTGCCTGCTTGGTTATTTATGGCATTGGTT
 CATATTCTTAGTTGCTGGTGTCTTCTTCTGGCTTTCAGTTAAGTCTCATCCCTCCAGCAGCATGATAT
 AAATGGAACATGAAAATCGTATGAAGGCAAGAGTTTTCTCAGCCATGAGAAAGTGGTCTCACGTGGC
 AGGCTATGCTGTTCTTAAGGGTAATTGAGCTGTGGGAGTAGTCCCTGTAGAGCCTACCTAGTTCTAGGTC
 TGTCTGGCAAATGCTTGTACAGGTCTCACCTATGGTTGACTCGGAGTCTGGTACTCTGGGAGAAA
 AACATGGCTTCCCTCTGGCTCAAAAAGCCAGCATTATTCTATGAGAAAGATCCCTGTAGGCTTCTTACA
 AACTCATCCTTCTAAAGTTTGTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_146239

Insert Size:	1293 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:	BC049904 , AAH49904
RefSeq Size:	3257 bp
RefSeq ORF:	1293 bp
Locus ID:	237459
UniProt ID:	Q8K0D0
Cytogenetics:	10 C2
Gene Summary:	May play a role in terminally differentiated neurons. Has a Ser/Thr-phosphorylating activity for histone H1 (By similarity).[UniProtKB/Swiss-Prot Function]