

## Product datasheet for **MR215712**

### **Cdk19 (NM\_001168304) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cdk19 (NM_001168304) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cdk19
Synonyms:	2700084L06Rik; AI845279; AW228747; Cdc2I6; CDK11; mKIAA1028
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR215712 representing NM\_001168304  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATTATGATTCAAGGCGAAGCTGGCGCGGAGCGGGAGCGGGTGGAGGATCTGTTTGTAGTACGAAG  
 GGTGCAAAGTGGGACCGCGCACCTACGGGCATGTCTACAAGCGAGGCGAAAGATGAAAAAGATGAAAA  
 GGAATATGCACCTTAAGCAAATCGAAGGCACAGGAATATCTATGTCGGCTGTAGAGAGATTGCACCTTTG  
 AGAGAAGTGAAGCACCTAATGTGATCGCATTGCAGAAGGTGTTCTTTCTCACAGCGACAGGAAGGTGT  
 GGCTGCTGTTTACTATGCAGAACATGACCTTTGGCATATTATTAAGTTTCACCGTGCATCAAAGCAAA  
 TAAAAAGCCCATGCAGTTACCAAGATCCATGGTTAAATCACTGCTGTACCAGATCCTCGATGGCACCAT  
 TACCTCCACGCAAAGTGGTGTCCACAGGACCTGAAACCAGCAAATATCCTAGTAATGGGAGAAGGTC  
 CTGAAAGGGGAGAGTCAAATAGCTGACATGGGTTTTGCCAGGTTATTCATTTCCCCTAAAGCCACT  
 CGCAGATTTGGATCCAGTGGTTGTGACATTTTGGTATCGGGCTCCGGAACTTTACTTGGTGCCAGGCAT  
 TACACAAAGGCCATTGACATCTGGGCAATAGGCTGCATATTTGCTGAACTCTTGACTTCAGAACCATT  
 TCACTGTCGTCAGGAGGATATAAAAAAAGCAATCCTTTTCATCATGATCAGTTAGATCGAATATTTAG  
 TGTGATGGGGTTTCTGCAGATAAAGACTGGGAAGATATTAGAAAAATGCCAGAGTACCCAAACACTTCAG  
 AAAGACTTTTGAAGAACAACGTACGCCAACAGCAGCCTCATAAAATACATGGAGAAGCACAAGGTCAAGC  
 CTGACAGCAAAGTGTTCCTCCTGCTTACAGAACTCCTCACCATGGATCCAACCAAGAGAATCACCTCAGA  
 GCAGGCTCTGCAGGACCTTACTTCCAGGAAGACCCCTGCCAACATTAGATGTGTTTCGCTGGTGCCAG  
 ATTCGGTACCCCAAAAGAGAATTCCTTAATGAAGATGAACCAGAAGAGAAAGGTGACAAGAACCAGCCAC  
 AGCAGCAGAACCACATCAGCAACTGCAGCCCCCGCACAGCAGCAGCAGCCCCCAGGCTCCTCC  
 ACCACAGCAGAGCAGTGCCTCAAACCAATGGAACCTGCTGGGGAGCCACTGCGGGAGGCGGGGCGCTGGA  
 GCGGGGCTGCAGCACAGCCAGGACCCCGGGCTGAATCAGGTGCCTCCTCAAACAAGAAGCCCGGATTGGC  
 CTTCCGGTGCAAACCTCAGGCGGGCCCGTTATGCCGTCGGATTATCAGCATTCCAGTTCTCGCTGAATTA  
 CCAAAGCAGCGTACAGGGTCTCTCAGTCCCAGAGTACGCTAGGCTACTCTTCTCAACAGAGTACC  
 CAGTACCCTCATCTCACCAGACCCACCGGTAC

**ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA**

**Protein Sequence:**

>MR215712 representing NM\_001168304  
 Red=Cloning site Green=Tags(s)

MDYDFKAKLAAERERVEDLFEYEGCKVGRGTYGHVYKARRKDGKDEKEYALKQIEGTGISMSACREIALL  
 RELKHPNVIALQKVFLSHSDRQVWLLFDYAEHDLWHIIFHRASKANKKPMQLPRSMVKSLLYQILDGIIH  
 YLHANWVLRDLKPANILVMGEGPERGRVKIADMGFARLFNSPLKPLADLDPVVVTFWYRAPELLLGARH  
 YTKAIDIWAIGCIFAELLTSEPIFHCRQEDIKTSNPFHHDQLDRIFSVMGFPADKDWEDIRKMPYPTLQ  
 KDFRRTTYANSSLIKMEKHKVKPDSKVFLLQKLLTMDPTKRITSEQALQDPYFQEDPLPLDVFAGCQ  
 IPYPKREFLNEDEPEEKGDKNQPQQNPHQQAAPAQQTAAAPPQAPPQSSAQTNGTAGGATAGGGGAG  
 AGLQHSQDPGLNQVPPNKKPRIGPSGANSVMPSPDYQHSSRLNYQSSVQSSQSTLGYSSSQST  
 QYHSSHQTHRY

**TRTRPLEQKLI SEEDLAANDILDYKDDDDKV**

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9010\\_b09.zip](https://cdn.origene.com/chromatograms/mm9010_b09.zip)

**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



ACCN: NM\_001168304

ORF Size: 1503 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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\\_001168304.1](#), [NP\\_001161776.1](#)

RefSeq Size: 5828 bp

RefSeq ORF: 1506 bp

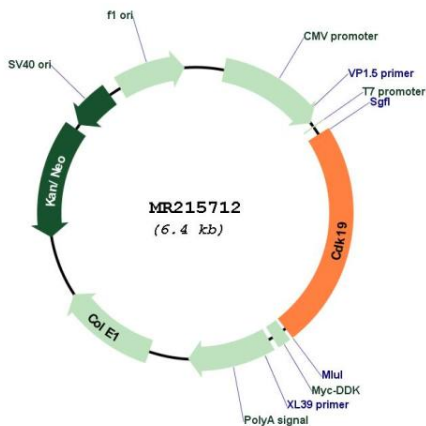
Locus ID: 78334

UniProt ID: [Q8BWD8](#)

Cytogenetics: 10 B1

MW: 57 kDa

Product images:



Circular map for MR215712