

## Product datasheet for MR229612

### Cdk19 (NM\_001291816) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk19 (NM_001291816) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cdk19
Synonyms:	2700084L06Rik; AI845279; AW228747; Cdc2l6; CDK11; mKIAA1028
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229612 representing NM_001291816 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCAGTTACCAAGATCCATGGTTAAATCACTGCTGTACCAGATCCTCGATGGCATCCATTACCTCCAGC  
CAAAGTGGGTGCTCCACAGGGACCTGAAACCAGCAAATATCCTAGTAATGGGAGAAGTCTGAAAGGGG  
GAGAGTCAAATAGCTGACATGGGTTTTGCCAGGTTATCAATTCCTCCCTAAAGCCACTCGCAGATTTG  
GATCCAGTGGTTGTGACATTTTGGTATCGGGCTCCGGAATTTTACTTGGTGCCAGGCATTACACAAAGG  
CCATTGACATCTGGGCAATAGGCTGCATATTTGCTGAACTCTTGACTTCAGAACCATTTCCTCACTGTCG  
TCAGGAGGATATAAAAACAAGCAATCCTTTTCATCATGATCAGTTAGATCGAATATTTAGTGTATGGGG  
TTTCTGCAGATAAAGACTGGGAAGATATTAGAAAAATGCCAGAGTACCCAACACTTCAGAAAGACTTTC  
GAAGAACAACGTACGCCAACAGCAGCCTCATAAAATACATGGAGAAGCACAAGGTCAAGCCTGACAGCAA  
AGTGTTCCTCCTGCTTCAGAACTCCTCACCATGGATCCAACCAAGAGAATCACCTCAGAGCAGGCTCTG  
CAGGACCCTTACTCCAGGAAGACCCCTGCCAACATTAGATGTGTTTCGCTGGCTGCCAGATTCCTGACC  
CCAAAAGAGAATTCCTTAATGAAGTGAACCAAGAGAAGGTGACAAGAACCAGCCACAGCAGAGAA  
CCCACATCAGCAACCTGCAGCCCCGCACAGCAGACAGCCCCCACAGGCTCTCCACCACAGCAG  
AGCAGTGCCTCAACCAATGGAAGTCTGGGGGAGCCACTGCGGGAGGCGGGGGCGCTGGAGCGGGCTGC  
AGCACAGCCAGGACCCGGGCTGAATCAGGTGCCTCCAACAAGAAGCCCGGATTGGGCCTTCCGGTGC  
AAACTCAGGCGGGCCGTTATGCCGTCGGATTATCAGCATTCCAGTTCTCGCCTGAATTACCAAAGCAGC  
GTACAGGGTCTCTCAGTCCCAGAGTACGCTAGGCTACTCTTCATCTCAACAGAGTACCCAGTACCACT  
CATCTACCAGACCCACCGTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR229612 representing NM\_001291816  
 Red=Cloning site Green=Tags(s)

MQLPRSMVKSLLYQILDGIHYLHANWVLRDLKPANILVMGEGPERGRVKIADMGFARLFNSPLKPLADL  
 DPVVVTFWYRAPELLLGARHYTKAIDIWAIGCIFAELLTSEPIFHCQRQEDIKTSNPFHHDQLDRIFSVMG  
 FPADKDWEDIRKMPEYPTLQKDFRRTTYANSSLIKMEKHVKPDSKVFLLLQKLLTMDPTKRITSEQUAL  
 QDPYFQEDPLPTLDVFAQCQIPYPKREFLNEDPEEEKGDKNQPPQQNPHQQPAAPAQQTAAAPPQAPPPQQ  
 SSAQTNGTAGGATAGGGGAGAGLQHSQDPGLNQVPPNKKPRIGPSGANSGBPVMPSDYQHSSSRLNYQSS  
 VQSSSQSQSTLGYSSSQSTQYHSSHQTHRY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

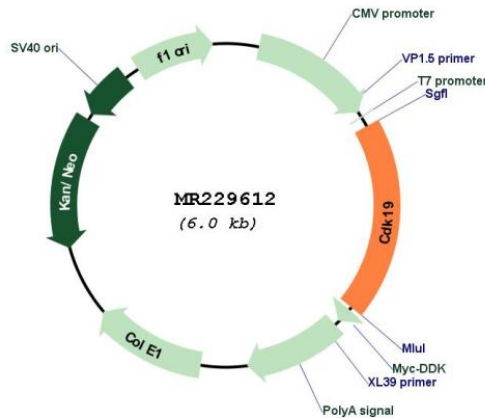
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001291816

<b>ORF Size:</b>	1143 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001291816.1</a> , <a href="#">NP_001278745.1</a>
<b>RefSeq Size:</b>	5752 bp
<b>RefSeq ORF:</b>	1146 bp
<b>Locus ID:</b>	78334
<b>Cytogenetics:</b>	10 B1
<b>MW:</b>	43 kDa