

Product datasheet for **MR229270**

Cdk19 (NM_001291817) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdk19 (NM_001291817) 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: >MR229270 representing NM_001291817
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGTTTTGCCAGGTTATTCAATTCTCCCTAAAGCCACTCGCAGATTTGGATCCAGTGGTTGTGACAT
TTTGGTATCGGGCTCCGGAACCTTTACTTGGTGCCAGGCATTACACAAAGGCCATTGACATCTGGGCAAT
AGGCTGCATATTTGCTGAACTCTTGACTTCAGAACCCATTTTCTACTGTCGTGAGGAGGATATAAAACA
AGCAATCCTTTTCATCATGATCAGTTAGATCGAATATTTAGTGTCATGGGGTTTCTGCAGATAAAGACT
GGGAAGATATTAGAAAAATGCCAGAGTACCCAACACTTCAGAAAGACTTTGAAAGAAACAGTACGCCAA
CAGCAGCCTCATAAAAATACATGGAGAAGCACAAGGTCAAGCTGACAGCAAAGTGTCTCTGCTTCAG
AACTCCTCACCATGGATCCAACCAAGAGAATCACCTCAGAGCAGGCTCTGCAGGACCCTTACTTCCAGG
AAGACCCCTGCCAACATTAGATGTGTTTCGCTGGCTGCCAGATTCGTAACCCAAAGAGAATTCCTTAA
TGAAGATGAACCAAGAGAAAGGTGACAAGAACCAGCCACAGCAGCAGAACCCACATCAGCAACCTGCA
GCCCCGCACAGCAGACAGCAGCCCCCACAGGCTCCTCCACCACAGCAGCAGTGCACAGCAGGACCCCGG
GAACTGCTGGGGAGCCACTGCGGGAGGGGGGGCGCTGGAGCGGGCTGCAGCAGCAGGACCCCGG
GCTGAATCAGGTGCCTCCAACAAGAAGCCCGGATTGGGCTTCCGGTGCAAACTCAGGCGGGCCCGTT
ATGCCGTCGGATTATCAGCATTCCAGTTCTCGCTGAATTACCAAGCAGCGTACAGGGTCTCTCAGT
CCCAGAGTACGCTAGGCTACTCTCATCTCAACAGAGTACCCAGTACCACTCATCTCACCAGACCCACCG
GTAC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229270 representing NM_001291817
 Red=Cloning site Green=Tags(s)

MGFARLFNSPLKPLADLDPVVVTFWYRAPELLLGARHYTKAIDIWAIGCIFAELLTSEPIFHCQRQEDIKT
 SNPFHHDQLDRIFSVMGFPADKDWEDIRKMP EYPTLQKDFRRTTYANSSLIK YMEKHKVKPDSKVFLLLQ
 KLLTMDPTKRITSEQALQDPYFQEDPLPTLDV FAGCQIPYKREFLNEDEPEEKGDKNQPQQNPHQQPA
 APAQQTAAAPPQAPPPQQSSAQTNGTAGGATAGGGGAGAGLQHSQDPGLNQVPPNKKPRIGPSGANSGGPV
 MPSDYQHSSRLNYQSSVQSSSQSTLGYSSSQSTQYHSSHQTHRY

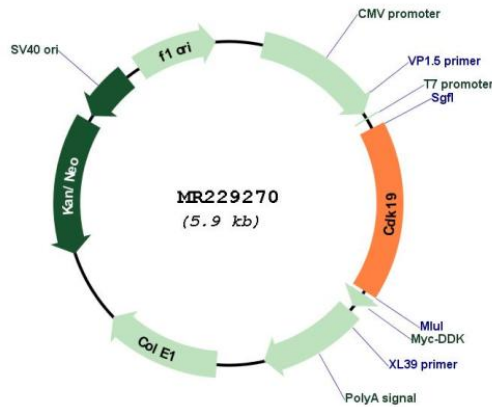
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001291817

ORF Size: 984 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:	<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:	NM_001291817.1 , NP_001278746.1
RefSeq Size:	5770 bp
RefSeq ORF:	987 bp
Locus ID:	78334
Cytogenetics:	10 B1
MW:	36.9 kDa