

## Product datasheet for **RN216367**

### Cdk6 (NM\_001191861) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cdk6 (NM_001191861) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdk6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216367 representing NM_001191861 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGAGAAGGACAGCCTGAGTCGCGCCGACCAGCAGTATGAGTGCCTGGCGGAGATCGGGGAAGGCGCT  
ACGGGAAGGTGTCAAGGCCCGGACCTGAAGAACGGCGGCCGCTTCGTGGCTCTGAAGCGCTGCGAGT  
GCAGACCGGAGAGGAGGGCATGCCGCTCTCCACCATCCGCGAGGTGGCGGTGCTGAGGCACCTGGAGACC  
TTTGAGCACCCCAACGTGGTCAGGTTGTTTGACGTGTGCACAGTGTACGACAGACAGAGAACTAAAC  
TTACGCTAGTGTTTGAGCATGTTGATCAAGACTTGACCACTTACTTGGATAAAGTTCCAGAACCCGGTGT  
GCCACAGAGACCATAAAGGATATGATGTTTCAGCTTCTCCGAGGTCTGGACTTCTCCATTCTCACAGA  
GTAGTGCATCGTGACCTGAAGCCACAGAACATTCTGGTGACCAGCAGTGGACAAAATAAACTGGCTGACT  
TCGGCCTTGCCCGCATCTACAGTTTTAGATGGCCCTTACCTCGGTGGTTCGTACGCTGTGGTACCGAGC  
CCCGGAAGTCTGCTCCAGTCCAGCTACGCCACCCCGTGGACCTCTGGAGTGTGGCTGCATCTTTGCA  
GAACTGTTTCGCAGAAAGCCTCTTTTTCGTGGAAGTTCAGACGTGGATCAACTAGGGAAAATCTTGACG  
TCATCGGACTCCCAGGAGAAGAAGACTGGCCTAGGGATGTTGCTCTTCCAGACAGGCTTTTCACTCCAA  
ATCTGCCCAACCCATCGAGAAGTTTGTGACAGACATCGACGAGCTAGGCAAAGACCTCCTTCTGAAATGC  
TTGACGTTTAATCCAGCTAAAAGAATATCCGCTTATGGCGCCCTGAATCACCCGTAATCTCAAGACCTGG  
AGAGATACAAGGACAACCTGCATTCTCACCTGTCTCCAGCCAGAGCACCTCGGAGCTGAACACAGCCTG  
A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001191861
Insert Size:	981 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u>NM_001191861.1, NP_001178790.1</u>
<b>RefSeq Size:</b>	1503 bp
<b>RefSeq ORF:</b>	981 bp
<b>Locus ID:</b>	114483
<b>Cytogenetics:</b>	4q13
<b>Gene Summary:</b>	displays amplification and increased expression in the BDII rat model of endometrial cancer [RGD, Feb 2006]