

## Product datasheet for **SC213359**

### CDK9 (NM\_001261) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CDK9 (NM_001261) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CDK9
Synonyms:	C-2k; CDC2L4; CTK1; PITALRE; TAK
ACCN:	NM_001261
Insert Size:	1279 bp
Insert Sequence:	>SC213359 3'UTR clone of NM_001261 The sequence shown below is from the reference sequence of NM_001261. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACCAGACGGAGTTTGAGCGCGTCTTCTGAGGGCCGGCGCTTGCCACTAGGGCTCTTGTTTTTTTTTC
TTCTGCTATGTGACTTGCATCGTGGAGACAGGGCATTGAGTTTATATCTCTCATGCATATTTATTTA
ATCCCCACCCTGGGCTCTGGGAGCAGCCCGCTGAGTGGACTGGAGTGGAGCATTGGCTGAGAGACCAGG
AGGGCACTGGAGCTGTCTTGTCCTTGCTGGTTTTCTGGATGGTCCAGAGGGTTCCATGGGGTAGGA
GGATGGGCTCGCCACCAGTGACTTTTTCTAAGAGCTCCCGCGTGGTGGAGAGGGGACAGGTCCTC
ACCCACCACAATCCTATTCTCGGGCTGAGAACCTGCGTGGGGACAGGGCTCGCCTCAGGAATGGGCT
GTTTTTGGCCTAACCTCAGAAACTGGGGCTGGCACAACTCTTGGTTTCTTCAACAGGAGAATTTT
ACTGTGTTTTCTTTGGTCCATTGTTGGAGACATTCTGGGCACAGTTGGTCCGTTAGAATAAAAG
TTGAATTTTTTTTTTTTTAAATTTTTTTTTTCTCCAGGACTTGTGTGTTTTGTTCTGCGCACACAC
CGCCAAGTGTCCCCACAGTCAGCAGCAGGTTGGGCTGACCATTGGGACTTGATTGTCAAGTCACTG
GAGGTCTTGACTTTTTATCTCAGTTTCATGTTCTTCCATAATTGAAAAGGACCTTTGTCTGTTTTTC
CTCTTGGGTGCCTTCCAGAACGCATCTCATGTCCTGGTGGGGAATTGGTGGGGCCTGCTGTGAGCT
GCTGTGGCTGCGATGGTCAACAGCTGGGCAAATCACTGGAGTGACAATTTGACCTGTCACCTGAGAAG
GATGGTCCCTCAGACTGCTGGGTAGAGGGCCTGGGGCAGGCTGGAGAGAGAAAGTGGGCAGAGGGTAA
GGGATCACAGGGGTCTTGGAAAGTGGCAGTAGTTTGGACGGGGTGGGGAGTATGTGGGAGAAAAAAC
AGACTGAAGGTAGAATCCTTGGGAACCTTTGAGGAGCGGCACATTCTGGCAGGCACGTTTTCTGTGAGC
CTGAAGTTAGGAAGAGACATTCTGGAGGTCAATTTCTACATCTTACAGGCGGAGACCTTGAAGTG
GGCCAGGAAGGAAGTTGGCAAACTTTGACCAGAACTGTCTTCATTACAGAACTGACCCAGAC
CACAACACAAAAGGCCAGTAAAAGTAAGAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001261.4</a>
<b>Summary:</b>	The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, and known as important cell cycle regulators. This kinase was found to be a component of the multiprotein complex TAK/P-TEFb, which is an elongation factor for RNA polymerase II-directed transcription and functions by phosphorylating the C-terminal domain of the largest subunit of RNA polymerase II. This protein forms a complex with and is regulated by its regulatory subunit cyclin T or cyclin K. HIV-1 Tat protein was found to interact with this protein and cyclin T, which suggested a possible involvement of this protein in AIDS. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	1025
<b>MW:</b>	47