

Product datasheet for **SC213056**

CDK2 (NM_052827) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CDK2 (NM_052827) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CDK2
Synonyms: CDKN2; p33(CDK2)
ACCN: NM_052827
Insert Size: 1194 bp
Insert Sequence: >SC213056 3'UTR clone of NM_052827

The sequence shown below is from the reference sequence of NM_052827. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGGATCGCC
ACCAAGCCAGTACCCCATCTTCGACTCTGTAGCCTTCTGAAGCCCCAGCCCTAATCTCACCCCTCTC
CTCCAGTGTGGCTTGACCAGGCTTGGCCTTGGGCTATTTGGACTCAGGTGGGCCCTCTGAAGTTGCCT
TAAACACTCACCTTCTAGTCTTGCCAGCAACTCTGGGAATACAGGGGTGAAAGGGGGGAACAGTGA
AAATGAAAGGAAGTTTTCAGTATTAGATGCACTTAAGTTAGCCTCCACCACCCCTTCCCCCTTCTCTTAG
TTATTGCTGAAGAGGGTTGGTATAAAAAATAATTTTAAAAAAGCCTTCTACACGTTAGATTTGCCGTAC
CAATCTCTGAATGCCCATAAATTATTTCCAGTGTTTGGGATGACCAGGATCCCAAGCCTCCTGCTG
CCACAATGTTTATAAAGGCCAAATGATAGCGGGGCTAAGTTGGTGCTTTTGAACAAGTAAACAA
AACCCTGGGAGGAGTCTATTTTAAAGAATTTCGGTTGAAAAAATAGATCCAATCAGTTTATACCCTAGT
TAGTGTTTTGCCTCACCTAATAGGCTGGGAGACTGAAGACTCAGCCCGGTGGGGCTGCAGAAAAATGA
TTGGCCCCAGTCCCCTTGTGTTGTCCTTCTACAGGCATGAGGAATCTGGGAGGCCCTGAGACAGGGATT
GTGCTTCAATCAATCTATTGCTTACCATGGCCTTATGAGGCAGGTGAGAGATGTTGAATTTTTCTC
TTCCCTTTAGTATTCTTAGTTGTTGCAAGGATCCCTGATCCCATTTTCTCTGACGTCCACCT
CCTACCCCATAGGAGTTAGAAGTTAGGGTTTAGGCATCATTTTGAGAATGCTGACACTTTTTTCAGGGCT
GTGATTGAGTGAGGGCATGGGTAATAATTTCTTTAAAAAGAAGGATGAACAATTATATTATATTTCA
GGTTATATCCAATAGTAGAGTTGGCTTTTTTTTTTTTTTTTTTGGTCATAGTGGGTGGATTGTTGCCAT
GTGCACCTTGGGGTTTTGTAATGACAGTGCTAAAAAAGCAATTTTTTTTTTATGATTTGTCTCTG
TCACCTTGTCCCTGAGTGCTCTTGCTATTAACGTTATTTGTAATTTAGTTTGTAGCTCATAAAAAAA
TGTGCCTAGTTTTATAGTTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	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).
Components:	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.
RefSeq:	NM_052827.4
Summary:	This gene encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]
Locus ID:	1017
MW:	44.6