

## Product datasheet for **SC213057**

### CDK2 (NM\_001798) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CDK2 (NM_001798) Human 3' UTR Clone
Symbol:	CDK2
Synonyms:	CDKN2; p33(CDK2)
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001798
Insert Size:	1194 bp
Insert Sequence:	>SC213057 3'UTR clone of NM_001798 The sequence shown below is from the reference sequence of NM_001798. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCAAGCCAGTACCCCATCTTCGACTCTGTATAGCCTTCTGAAGCCCCAGCCCTAATCTCACCCCTCTC
CTCCAGTGTGGGCTTGACCAGGCTTGGCCTTGGGCTATTGGACTCAGGTGGGCCCTCTGAACCTGCCT
TAAACACTCACCTTCTAGTCTTGGCCAGCCAACCTGGGAATACAGGGGTGAAAGGGGGGAACAGTGA
AAATGAAAGGAAGTTTCAGTATTAGATGCACCTAAGTTAGCCTCCACCACCTTTCCCCCTTCTCTTAG
TTATTGCTGAAGAGGGTTGGTATAAAAAATAATTTTAAAAAAGCCTTCTACACGTTAGATTTGCCGTAC
CAATCTCTGAATGCCCCATAATTATTATTTCCAGTGTTTGGGATGACCAGGATCCCAAGCCTCCTGCTG
CCACAATGTTTATAAAGGCCAAATGATAGCGGGGCTAAGTTGGTGCTTTTGAGAACCAAGTAAACAA
AACCCTGGGAGGAGTCTATTTTAAAGAATTCGGTTGAAAAAATAGATCCAATCAGTTTATACCCTAGT
TAGTGTTTTGCCTCACCTAATAGGCTGGGAGACTGAAGACTCAGCCCGGTGGGGCTGCAGAAAAATGA
TTGGCCCCAGTCCCCTTGTTCCTTCTACAGGCATGAGGAATCTGGGAGGCCCTGAGACAGGGATT
GTGCTTCATTCCAATCTATTGCTTCACCATGGCCTTATGAGGCAGGTGAGAGATGTTTGAATTTTTCTC
TTCCCTTTAGTATTCTTAGTTGTTGCAAGGATCCCTGATCCCATTTTCCCTCTGACGTCCACCT
CCTACCCCATAGGAGTTAGAAGTTAGGGTTTAGGCATCATTTTGAGAATGCTGACACTTTTTTCAGGGCT
GTGATTGAGTGAGGCATGGGTAATAATTTCTTTAAAAAGAAGGATGAACAATTATATTTATATTTCA
GGTTATATCCAATAGTAGAGTTGGCTTTTTTTTTTTTTTTTGGTCATAGTGGGTGGATTGTTGCCAT
GTGCACCTTGGGGTTTTGTAATGACAGTGCTAAAAAAGCATTTTTTTTTTATGATTTGCTCTG
TCACCCTTGCTTGTGCTCTTGTCTATTAACGTTATTTGTAATTTAGTTTGTAGCTCATTAAAAAAA
TGTGCCTAGTTTTATAGTTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG

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<b>Restriction Sites:</b>	Sgfl-Mlul
<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_001798.5</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	1017
<b>MW:</b>	44.6