

Product datasheet for **SC204526**

PLK1 (NM_005030) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PLK1 (NM_005030) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PLK1
Synonyms:	PLK; STPK13
ACCN:	NM_005030
Insert Size:	334 bp
Insert Sequence:	>SC204526 3'UTR clone of NM_005030 The sequence shown below is from the reference sequence of NM_005030. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCGGCCAGCAACCGTCTCAAGGCCTCC TA AGCTGCCCTCCCCTCCGGACTGGTGCCTCCTCACTCC CACCTGCATCTGGGGCCATACTGGTTGGCTCCCGCGGTGCCATGTCTGCAGTGTGCCCCCAGCCCCG GTGGCTGGCAGAGCTGCATCATCCTTGCAGGTGGGGTTGCTGTATAAGTTATTTTTGTACATGTTCCG GGTGTGGTTCTACAGCCTTGTCCCCCTCCCCCTCAACCCACCATATGAATTGTACAGAATATTTCTA TTGAATTCGAACTGTCTTTCTTGGCTTTATGCACATTAAACAGATGTGAATATTC ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
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:	<u>NM_005030.6</u>



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Summary: The Ser/Thr protein kinase encoded by this gene belongs to the CDC5/Polo subfamily. It is highly expressed during mitosis and elevated levels are found in many different types of cancer. Depletion of this protein in cancer cells dramatically inhibited cell proliferation and induced apoptosis; hence, it is a target for cancer therapy. [provided by RefSeq, Sep 2015]

Locus ID: 5347

MW: 11.6