

Product datasheet for **SC205117**

p18 INK4c (CDKN2C) (NM_001262) Human 3' UTR Clone

Product data:

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|---------------------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | p18 INK4c (CDKN2C) (NM_001262) Human 3' UTR Clone |
| Symbol: | p18 INK4c |
| Synonyms: | INK4C; p18; p18-INK4C |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_001262 |
| Insert Size: | 394 bp |
| Insert Sequence: | >SC205117 3'UTR clone of NM_001262 The sequence shown below is from the reference sequence of NM_001262. 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
GGGGCTGGGGGAGCCACAAATCTTCAATAACGTGGGGAGGGCTCCCCACGTTGCCTCTACTTTATCA
ATTAAGTACTGAGTACTCTCCTGACTTTTAAATGTCATTTGTTAAAATACAGTTCTGTCATATGTTAAGCAG
CTAAATTTTCTGAAACTGCATAAGTAAAAATCTTACAACAGGCTTATGAATATATTTAAGCAACATCTT
TTAACCTGCAAAATCTGTTCTAACATGTAATTGCAGATAACTTTGACTTTCTTCTGAATATTTTATCT
TTCTTGGCTTTTCCCTTCTCCCTTTTGCCAATCTCAACACCCAAGTTGAAGACTTTGTTTTTAAA
ATGGTTTGTCTGATGCTTTTGTCTAATTAACACTTTTCAAAACAGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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|--------------------|---|
| 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: [NM_001262.3](#)

Summary: The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to interact with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. Ectopic expression of this gene was shown to suppress the growth of human cells in a manner that appears to correlate with the presence of a wild-type RB1 function. Studies in the knockout mice suggested the roles of this gene in regulating spermatogenesis, as well as in suppressing tumorigenesis. Two alternatively spliced transcript variants of this gene, which encode an identical protein, have been reported. [provided by RefSeq, Jul 2008]

Locus ID: 1031

MW: 14.9