

## Product datasheet for **SC208109**

### p19 INK4d (CDKN2D) (NM\_001800) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	p19 INK4d (CDKN2D) (NM_001800) Human 3' UTR Clone
Symbol:	p19 INK4d
Synonyms:	INK4D; p19; p19-INK4D
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001800
Insert Size:	628 bp
Insert Sequence:	>SC208109 3'UTR clone of NM_001800 The sequence shown below is from the reference sequence of NM_001800. 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
CTGCAGGGCCACATGGTGGCCCCGCTGTGATCTGGGGTCACCTCTCCAGCAAGAGAACCCCGTGGGGT
TATGTATCAGAAGAGAGGGGAAGAAACTTTCTTTCTGTTTCTCCTGCCACTGCTGCAGTAGGGG
AGGAGCACAGTTTGTGGCTTATAGGTGTTGGTTTTGGGGTGTGAGTGTGGGGGACGTTTCTCATTT
GTTTTTCTCACTCCTTTTGGTGTGTTGGACAGAGAAGGGCTCCTGCAGGCCACAGCCACCTAAACGGTT
CAGTTTCTTCTGCGCCTCAGGCTGCTGGGCCTCAGACGAGACCAAGGGCAGAGCATTTAAGAGTGAA
GTCATGACCTCCAGGGAGCCTAGAAGCTGGTGGCCTTGGCCGGCTGTGCTCAGAGACCTGAAGTGTGCA
CGTTGCTTCAGGCATGGGGGGTGGGGGAGCGTCCCAAATCAATAAGAAGGTAGAATGAGTTATGAGTT
ATTCATATTCTGTTGGAAGCTTGTTCAGTCTCTTGTACAGCGTTTTAAAAGAAATGGATTCTATTT
ATTATGCTTTATTGAAAAAATGTTGTAATAATTAATGTTTTTACCCATTAAATTAAGACTTGTGCAT
GATCACA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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<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_001800.4</a>
<b>Summary:</b>	The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to form a stable complex 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. The abundance of the transcript of this gene was found to oscillate in a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative regulation of the cell cycle involved in this protein was shown to participate in repressing neuronal proliferation, as well as spermatogenesis. Two alternatively spliced variants of this gene, which encode an identical protein, have been reported. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	1032
<b>MW:</b>	23.9