

Product datasheet for **SC214055**

p27 KIP 1 (CDKN1B) (NM_004064) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: p27 KIP 1 (CDKN1B) (NM_004064) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CDKN1B
Synonyms: CDKN4; KIP1; MEN1B; MEN4; P27KIP1
ACCN: NM_004064
Insert Size: 1372 bp
Insert Sequence: >SC214055 3'UTR clone of NM_004064
 The sequence shown below is from the reference sequence of NM_004064. 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
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TACCTGTGTATATAGTTTTTACCTTTTATGTAGCACATAAACTTTGGGGAAGGGAGGGCAGGGTGGGGC
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TGAAAAAGATGCCAATTATTGTTACACATTAAGTAATCAATAAAGAAAACCTCCATAGCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
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_004064.5
Summary:	This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4). [provided by RefSeq, Apr 2014]
Locus ID:	1027
MW:	52.8