

## Product datasheet for SC212482

### PRC1 (NM\_003981) Human 3' UTR Clone

#### Product data:

Product Type: 3' UTR Clones  
Product Name: PRC1 (NM\_003981) Human 3' UTR Clone  
Symbol: PRC1  
Synonyms: ASE1  
Mammalian Cell Selection: Neomycin  
Vector: pMirTarget (PS100062)  
ACCN: NM\_003981

Insert Size: 1121 bp

Insert Sequence: >SC212482 3'UTR clone of NM\_003981  
The sequence shown below is from the reference sequence of NM\_003981. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
ATCCTCAATTCAACCAACATCCAGTCCTGAGAAAGCCCTGATCAGTCAACCAGCTGTGGCTTCTGTGCC
TAGACTGGACCTAATTATATGGGGTGACTTTAGTTTTTCTTCAGCTTAGGCGTGCTTGAAACCTTGCC
CAGGTTCCATGACCATGGGCCTAACTTAAAGATGTGAATGAGTGTACAGTTGAAAGCCCATCATAGGT
TTAGTGGTCTAGGAGACTTGGTTTTGACTTATATACATGAAAAGTTTATGGCAAGAAGTGCAAATTTT
AGCATATGGGGCCTGACTTCTCTACCACATAATTCTACTTGCTGAAGCATGATCAAAGCTTGTTTTATT
TCACCACTGTAGGAAAATGATTGACTATGCCCATCCCTGGGGTAATTTTGGCATGTATACCTGTAAC
AGTAATTAACATCTTTTTTGGTTAGGCATGTTCAATTAATGCTGTAGCTATCATAGCTTTGCTCTTACC
TGAAGCCTTGTCACACACAGGACAGCCTTCTCCTGAAGAGAATGTCTTTGTGTGCCGAAGTTG
AGATGGCCTGCCCTACTGCCAAAGAGGTGACAGGAAGGCTGGGAGCAGCTTTGTTAAATTGTGTTCACT
TCTGTTACACAGTGCATTGCCCTTTGTTGGGGTATGCATGTATGAACACACATGCTTGTCCGAACGCT
TTCTCGGCGTTTGTCCCTTGGCTCTCATCTCCCCATTCTGTGCCTACTTTGCCTGAGTCTTCTACC
CCCGCAGTTGCCAGCCACATTGGGAGTCTGTTTGTCCAATGGGTTGAGCTGTCTTTGTCGTGGAGATC
TGGAACTTGCACATGTCACTACTGGGGAGGTGTTCTGTCTAGCTTCCACGATGAGGCGCCCTCTTT
ACCTATCTCTCAATCACTACTCTTCTTGAAGCACTATTATTTATTCTTCCGCTGTCTGCCTGCAGCAG
TACTACTGTCAACATAGTGTAAATGGTTCTCAAAAGCTTACCAGTGTGGACTTGGTGTAGCCACGCTG
TTTACTCATAAGTACGTGCTGTTTTTAAAAATACAATTATCTTAAAAATAAATAAAAATCTGTA
TACTTACATTTCAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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>	<u><a href="#">NM_003981.4</a></u>
<b>Summary:</b>	This gene encodes a protein that is involved in cytokinesis. The protein is present at high levels during the S and G2/M phases of mitosis but its levels drop dramatically when the cell exits mitosis and enters the G1 phase. It is located in the nucleus during interphase, becomes associated with mitotic spindles in a highly dynamic manner during mitosis, and localizes to the cell mid-body during cytokinesis. This protein has been shown to be a substrate of several cyclin-dependent kinases (CDKs). It is necessary for polarizing parallel microtubules and concentrating the factors responsible for contractile ring assembly. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]
<b>Locus ID:</b>	9055
<b>MW:</b>	41.4