

Product datasheet for **SC206358**

BCCIP (NM_016567) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BCCIP (NM_016567) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: BCCIP
Synonyms: TOK-1; TOK1
ACCN: NM_016567
Insert Size: 482 bp
Insert Sequence: >SC206358 3'UTR clone of NM_016567
The sequence shown below is from the reference sequence of NM_016567. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCATGACTGTTGGAATTGCTCTGTCAATAAGTCAGGGATATTTAGGAGGCTCATAGTCTCCTGGAG
GGATAAAACATCTCGGCACCTAGTAATGGTAAATTAGTCAATATTTGTTAGTTTCGTTTGAGATCTCAA
ATGTTAGGATTTTCTGAAGTCTCAGTGTCTTTCAGAGTTTGAGATACCTGTTTTCTATTTTTCTAATT
TTTAATTTAAAAGTAATAAAGAATATTTTGTAAATGATTAGGATGAAAATTTATCGTCAATTATAAGCC
AAAATTTGCTAAAATTAAGTCAGTATACTTGAAACAAGTTTCTAGTAAGTTCTCTGGGGTAAGATACT
AATTACTCTGATAAAGGGGCTATCAAAAAATCCAGTAAATTGTCATAAGAAGAGATCAGTTTAAAGAG
TCAAACAATTTGCTTTGCTAGTACCTTAGCTAAAGAAAAATACTATTAAGATGACTATCACCTTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-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_016567.4](#)



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Summary: This gene product was isolated on the basis of its interaction with BRCA2 and p21 proteins. It is an evolutionarily conserved nuclear protein with multiple interacting domains. The N-terminal half shares moderate homology with regions of calmodulin and M-calpain, suggesting that it may also bind calcium. Functional studies indicate that this protein may be an important cofactor for BRCA2 in tumor suppression, and a modulator of CDK2 kinase activity via p21. This protein has also been implicated in the regulation of BRCA2 and RAD51 nuclear focus formation, double-strand break-induced homologous recombination, and cell cycle progression. Multiple transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 56647

MW: 18.3