

Product datasheet for **SC203042**

CtIP (RBBP8) (NM_203292) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CtIP (RBBP8) (NM_203292) Human 3' UTR Clone
Symbol: CtIP
Synonyms: COM1; CTIP; JWDS; RIM; SAE2; SCKL2
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_203292
Insert Size: 269 bp
Insert Sequence: >SC203042 3'UTR clone of NM_203292
The sequence shown below is from the reference sequence of NM_203292. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
AAGGCAAGGAGCAGAAGACATAGACGTTGAAACAGAAACAGAAGGATGAAGGACAGTTTTTCTTCTT  
AGTTATTATAGTTAAAGTTGGTACTAACATTGATTTTTTTGATCTTCTGTAATGGATTATAAATC  
AGTTTTCTATTGAAAATGTTTGATATTTTGCTTTTGCACCTTTAAACAATAAGGCGCTTTCATTTT  
GCACTCTAACTTAAGAGTTTTTACTTTATGTAGTGATACCTAATAACAATTTTGAAAATACAA  
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_203292.2](#)



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Summary:

The protein encoded by this gene is a ubiquitously expressed nuclear protein. It is found among several proteins that bind directly to retinoblastoma protein, which regulates cell proliferation. This protein complexes with transcriptional co-repressor CTBP. It is also associated with BRCA1 and is thought to modulate the functions of BRCA1 in transcriptional regulation, DNA repair, and/or cell cycle checkpoint control. It is suggested that this gene may itself be a tumor suppressor acting in the same pathway as BRCA1. Three transcript variants encoding two different isoforms have been found for this gene. More transcript variants exist, but their full-length natures have not been determined. [provided by RefSeq, Jul 2008]

Locus ID:

5932

MW:

11.2