

Product datasheet for **SC203155**

CtIP (RBBP8) (NM_002894) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CtIP (RBBP8) (NM_002894) Human 3' UTR Clone
Symbol:	CtIP
Synonyms:	COM1; CTIP; JWDS; RIM; SAE2; SCKL2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002894
Insert Size:	276 bp
Insert Sequence:	>SC203155 3'UTR clone of NM_002894 The sequence shown below is from the reference sequence of NM_002894. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TCTCCAAAAGGCAAGGAGCAGAAGACA TAG ACGTTGAAACAGAAACAGAAGGATGAAGGACAGTTTTTT CCTTCTTAGTTATTTATAGTTAAAGTTGGTACTAAACATTGATTTTTTTGATCTTCTGTAATGGATTT ATAAATCAGTTTTCTATTGAAAATGTTTGTGATATTTGCTTTTGCACCTTTAAACAATAAGGCGCTT TCATTTTGCACCTAACTTAAGAGTTTTACTTTATGTAGTGATACCTAATACAATTTGAAAATACAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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).
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:	<u>NM_002894.3</u>



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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:

10.5