

Product datasheet for **SC308103**

CtIP (RBBP8) (NM_203292) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CtIP (RBBP8) (NM_203292) Human Untagged Clone
Tag:	Tag Free
Symbol:	CtIP
Synonyms:	COM1; CTIP; JWDS; RIM; SAE2; SCKL2
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_203292, the custom clone sequence may differ by one or more nucleotides

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ATGAACATCTCGGGAAGCAGCTGTGGAAGCCCTAACTCTGCAGATACATCTAGTGACTTT
AAGGACCTTTGGACAAAACATAAAGAATGTCATGATAGAGAAGTACAAGTTTACAAGTA
AAAGTAACCAAGCTAAAACAGGAACGAATCTTAGATGCACAAAGACTAGAAGAATCTTC
ACCAAAAATCAACAGCTGAGGGAACAGCAGAAAAGTCCCTCATGAAACCATTAAAGTTTTA
GAAGATCGGTTAAGAGCAGGCTTATGTGATCGCTGTGCAGTAACTGAAGAACATATGCGG
AAAAAACAGCAAGAGTTTGAAAATATCCGGCAGCAGAATCTTAACTTATTACAGAACTT
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AAAATTGAGAATGATCAACAGCATCAAGCAGCTGAGCTTGAATGTGAGGAAGACGTTATT
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AACCCCATGTCCGATACATAGAACAACACATACTAAATTGGAGCACTCTGTGTGTGCA
AATGAAATGAGAAAAGTTTCCAAGTCTTCAACTCATCCACAACATAATCCTAATGAAAAT
GAAATTCTAGTAGCTGACACTTATGACCAAAGTCAATCTCCAATGGCCAAAGCACATGGA
ACAAGCAGCTATACCCCTGATAAGTCATCTTTAATTTAGCTACAGTTGTTGCTGAAACA
CTTGGACTTGGTGTTCAGAAGAATCTGAAACTCAAGGTCCCATGAGCCCTTGGTGAT
GAGCTCTACCACTGTCTGGAAGGAAATCACAAGAAACAGCCTTTTGGAGGATCTACAAGA
AATACTGAAGATAGTTTAAAGATTTTTCAGATTCTACTTCAAAGACTCCTCCTCAAGAAGAA
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TCATCTAATAAACAGATACTTATAAATAAAAATAAAGTGAATCCCTAGTGAACAGAAT
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CAGCGTCAAGAGAAAAGCCAAGGAAGTGAAGTCTAAAAACAAATTTAGGCAAGTGACT
CTTTATGAGGCTTTGAAGACCATTCCAAAGGGCTTTTCTCAAGCCGTAAGGCCTCAGAT
GGCAACTGCACGTTGCCAAAGATTCCCAGGGGAGCCCTGTTCCAGGAATGCATCATC
CTTCAGCCCTTGAATAAATGCTCTCCAGACAATAAACCATCATTACAAATAAAAGAAGAA
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GGAGGATGTGAACCTGCATCAGTTCTTCAGTTAAATCCATGTAGAACTGGTAAAAATAAG
TCTCTACAAAACAACCAAGATGTATCCTTTGAAAATATCCAGTGGAGTATAGATCCGGGA
GCAGACCTTTCTCAGTATAAAATGGATGTTACTGTAATAGATACAAAGGATGGCAGTCAG
TCAAAATTAGGAGGAGAGACAGTGGACATGGACTGTACATTGGTTAGTGAACCGTTCTC
TTAAAAATGAAGAAGCAAGAGCAGAAGGGAGAAAAAAGTTCAAATGAAGAAGAAAAATG
AATGATAGCTTGGAAAGATATGTTTGATCGGACAACACATGAAGAGTATGAATCCTGTTG
GCAGACAGTTTCTCCAAGCAGCAGATGAAGAGGAGGAATTGTCTACTGCCACAAAGAAA
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TTTAAAGGTGATGAAAGTATTATGCAGATATGCCAGCAGAAAGAAAGAAAAAGAAATTGG
CTTCTGCTCAAGACACCGATTCCGCTACATTCCACCAACACACCAGAGAATTTTTGGG
AAGTTGGTTTTCTTCCACTCAGACTTGTATGGAAGAGGTTATATTAAGGAAGATCTTG
ATCCTTGCCTCGTCCAAAAGACGTGAGCCTTACAACGCAATATTTTCTCCAAAAGGCA
AGGAGCAGAAGACATAGACGTTGA

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Restriction Sites: Please inquire
ACCN: NM_203292

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_203292.1, NP_976037.1</u>
RefSeq Size:	3233 bp
RefSeq ORF:	2604 bp
Locus ID:	5932
UniProt ID:	<u>Q99708</u>
Cytogenetics:	18q11.2
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and lacks an alternate exon compared to variant 1, that causes a frameshift. The resulting isoform (b) is shorter and has a distinct C-terminus compared to isoform a.</p>