

Product datasheet for **RC205816**

CTIP1 (BCL11A) (NM_018014) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTIP1 (BCL11A) (NM_018014) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CTIP1
Synonyms:	BCL11A-L; BCL11a-M; BCL11A-S; BCL11A-XL; CTIP1; DILOS; EVI9; HBFQTL5; ZNF856
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC205816 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCTCGCCGCAAGCAAGGCAAACCCAGCACTTAAGCAAACGGGAATTCGCCCCGAGCCTCTTGAAG
 CCATTCTTACAGATGATGAACCAGACCACGGCCGTTGGGAGCTCCAGAAGGGGATCATGACCTCCTCAC
 CTGTGGGCAGTGCCAGATGAACCTCCATTGGGGACATTCTTATTTTTATCGAGCACAACGAAACAA
 TGCAATGGCAGCCTCTGCTTAGAAAAAGCTGTGGATAAGCCACCTTCCCCTTACCAATCGAGATGAAAA
 AAGCATCCAATCCCGTGGAGTTGGCATCCAGGTCAGCCAGAGGATGACGATTGTTTATCAACGTCATC
 TAGAGGAATTTGCCCAAACAGGAACACATAGCAGATAAACTTCTGCACTGGAGGGGCTCTCTCCCCT
 CGTTCTGCACATGGAGCTCTAATCCCCACGCCTGGGATGAGTGCAGAATATGCCCCGAGGGTATTTGTA
 AAGATGAGCCCAGCAGCTACACATGTACAATTGCAAACAGCCATTACCAGTGCATGGTTTCTCTTGCA
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 GTTGGTATCCCTTCAGGACTAGGTGCAGAATGTCTTCCAGCCACCTCTCCATGGGATTCATATTGCGAG
 ACAATAACCCCTTAACTGCTAAGAATACCAGGATCAGTATCGAGAGAGGCTTCCGGCCTGGCAGAAGG
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 AAGCCGCCCTTCTGGCGACGCCCCCTCCCTCTCTGCAATCCGCCCTCTCCCTCCAGCCCCGG
 TCAAGTCCAAGTCATGCGAGTTCTGGGCAAGACGTTCAAATTTACAGAGCAACCTGGTGGTGCACCGGCG
 CAGCCACACGGGCGAGAAGCCCTACAAGTGAACCTGTGCGACCACGCGTGCACCCAGGCCAGCAAGCTG
 AAGCGCCACATGAAGACGCACATGCACAAATCGTCCCCATGACGGTCAAGTCCGACGACGGTCTCTCCA
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 GGCCAAGTTCAAGAGCGAGAACGCCAACCTGATCCCGGAGAACGGGACGAGGAGGAAGAGGAGGAC
 GACGAGGAAGAGGAAGAAGAGGAGGAAGAGGAGGAGGAGGAGTACGAGAGCGAGAGGGTGGACTACG
 GCTTCGGGCTGAGCCTGGAGGCGCGGCCACCACGAGAACAGCTCGCGGGCGCGGTCTGGGCGTGGG
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 CCCTTCTTAAGCGCATCAAGCTCGAGAAGGAGTTCGACCTGCCCCGGCCGCGATGCCAACACGGAGA
 ACGTGTACTCGCAGTGGCTCGCCGGCTACGCGGCTCCAGGCAGCTCAAAGATCCCTTCTTAGCTTCGG
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 ATATTAGTGGTCCGGGCCGGCCAGGCCAGCTCAAAGAGGGCAGACGCGACGACACTTGTCTTCACA
 CACCCCATTCGGCGTAGTACCCAGAGAGCTCAAGATGTGTGGCAGTTTTTCGGATGGAAGCTCGAGAGCC
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TTACAAGGATGACGACGATAAGGTTTAA

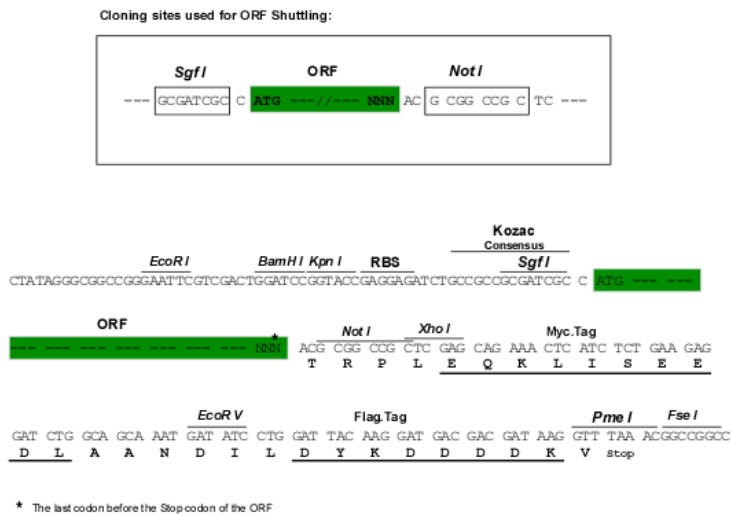
Protein Sequence: >RC205816 protein sequence
Red=Cloning site Green=Tags(s)

MSRRKQGKPKHL SKREFSPEPLEA ILTDDEPDHGPLGAPEGDHLLTCGQCQMNFP LGDILIFIEHKRQ
CNGSLCLEKAVDKPPSPSPIEMKKASNPVEVGIQVTPEDDDCLSTSSRGICPKQEHIADKLLHWRGLSSP
RSAHGAL IPTPGMSAEYAPQGICKDEPSSYTCTTCKQPFTSAWFL LQHAQNT HGLRIYLESEHGSP LTPR
VGIPSGLGAECPSQPPLHGIHIADNNPFNLLRIPGSVSREASGLAEGRF PPTPPLFSPPPRHLDPHRIE
RLGAEEMALATHHPSAFDRVLR LNP MAMEPPAMDFSRRLRELAGNTSSPPLSPGRPSMQRL LQPFQPGS
KPPFLATPPLPPLQSAPPPSQPPVKS KSCFCGKTFKFQSNL VVHRRSHTGEKPYKCNLCDHACTQASKL
KRHMKTHMKSSPMTVKSD DGLSTASSPEPGTSDLVGSASSALKSVVAKFKSENDPNLIPENGDEEEEEE
DEEEEEEEEEEEEEELTESERVDYGFGLSLEAARHHENSSRGAVVGVGDES RALPDVMQGMV LSSMQHFSE
AFHQVLGEKHKRGHLAEAEGRDTCDEDSVAGESDRIDDGTVNGRGCSPGESASGGLSKKLL LGGPSSLS
PFSKRILEKEFDLPPAAMPNTENVYSQWLAGYAASRQLKDPFLSFGDSRQSPFASSEHSENGSLRFS
TPPGELDGGISGRSGTGSGGSTPHISGPGPRSSKEGRRSDTCSHTPIRRSTQRAQDVWQFSDGSSRA
LKF

TRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6800_g03.zip

Restriction Sites: Sgfl-NotI

Cloning Scheme:


ACCN: NM_018014

ORF Size: 2319 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM_018014.2](#), [NP_060484.2](#)

RefSeq Size: 3958 bp

RefSeq ORF: 2322 bp

Locus ID: 53335

UniProt ID: [Q9H165](#)

Cytogenetics: 2p16.1

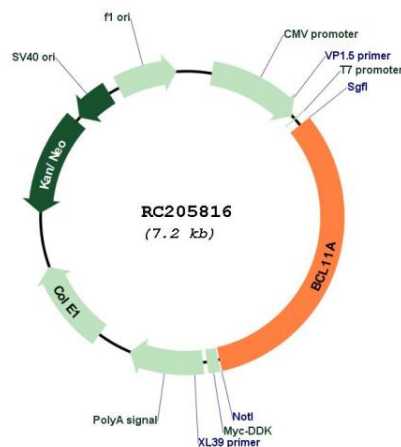
Domains: zf-C2H2

Protein Families: Transcription Factors

MW: 83.9 kDa

Gene Summary: This gene encodes a C2H2 type zinc-finger protein by its similarity to the mouse Bcl11a/Evi9 protein. The corresponding mouse gene is a common site of retroviral integration in myeloid leukemia, and may function as a leukemia disease gene, in part, through its interaction with BCL6. During hematopoietic cell differentiation, this gene is down-regulated. It is possibly involved in lymphoma pathogenesis since translocations associated with B-cell malignancies also deregulates its expression. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC205816