

Product datasheet for **SC337529**

CTIP2 (BCL11B) (NM_001282238) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTIP2 (BCL11B) (NM_001282238) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTIP2
Synonyms:	ATL1; ATL1-alpha; ATL1-beta; ATL1-delta; ATL1-gamma; CTIP-2; CTIP2; hRIT1-alpha; IDDFSTA; IMD49; RIT1; ZNF856B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282238, the custom clone sequence may differ by one or more nucleotides

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ATGTCCC GCCGCAAA CAGGGCAAC CCGCAGCA CTGTCC CAGAGGGAGCTCATCAC CCAGGCTGACCATG
TGGAGGCC CCATCCTCGA AGAAGACGAGGGTCTGG AGATAGAGGAGCCAAGTGGCTGGGGCTGATGGT
GGGTGGCC CCACCTGACCTGCTCACCTGTGGCCAGTGTCAAATGAACTTCCCCTTGGGGGACATCCTG
GTTTTTATAGAGCACAAAAGGAAGCAGTGTGGCGGCAGCTTGGGTGCCTGCTATGACAAGGCCCTGGACA
AGGACAGCC CGCCACCCTCCTCACGCTCCGAGCTCAGGAAAGTGTCCGAGCCGGTGGAGATCGGGATCCA
AGTCAACCC CCGACGAAGATGACCACCTGCTCTACCCACGAAAGGCATCTGTCCCAAGCAGGAGAACATT
GCAGGTAAGATGAGCCTTCCAGCTACATTTGCACAACATGCAAGCAGCCCTTCAACAGCGCGTGGTTCC
TGCTGCAGC ACGCGAGAACACGCACGGCTTCCGCATCTACCTGGAGCCCGGGCCGCGCAGCAGCTCGCT
CACGCCGCG GCTACCATCCCGCCGCGCTCGGGCCGAGGCCGTGGCGCAGTCCCCGCTCATGAATTTCC
CTGGGCGCA GCAACCCCTTCAACCTGCTGCGCATGACGGGCCCATCCTGCGGGACCACCCGGGCTTCG
GCGAGGGCC GCTGCCGGCAGCGCCCTCTCTTCACTCCCGCCGCGCCACCACCTGGACCCGCAACCG
CCTCAGTGCC GAGGAGATGGGGCTCGTCGCCACAGCACCAGTGCCTTCGACCGAGTTCATGCGCCTGAAC
CCCATGGCCATCGACTCGCCCGCATGGACTTCTCGCGGCGGCTCCGCGAGCTGGCGGGCAACAGCTCCA
CGCCGCGCC CGTGTCCCGGGCCGCGCAACCCATGCAACCGGCTCCTGAACCCCTTCCAGCCAGCCC
CAAGTCCC CGTTCCTGAGCACGCCGCGCTGCCGCCATGCCCTTGGCGGCACGCCGCCCGCCGAGCCG
CCAGCCAAGAGCAAGTCGTGCGAGTTCTGCGGCAAGACCTTCAAGTTCAGAGCAATCTCATCGTGACC
GGCGCAGTCA CACGGGCGAGAAGCCCTACAAGTGCCAGCTGTGCGACCACGCGTGTCTCGCAGGCCAGCAA
GCTCAAGCGCCACATGAAGACGCACATGCACAAGGCCGCTCGCTGGCCGGCCGCTCCGACGACGGGCTC
TCGGCCGCGCAGCTCCCCGAGCCCGCACAGCAGCTGGCGGGGAGGGGCTCAAGGCGCCGACGGTG
ACTTCCGCC ACCAGAGAGCGACCCGCTCGCTGGGCCACGAGCCGAGGAGGAGGAGGAGGAGGAGGAGGA
GGAGGAGGAGGAGCTGCTACTGGAGAACGAGAGCCGCGCCGAGTTCAGCATGGACTCGGAGCTG
AGCCGCAACC GCGAGAACGGCGGTGGTGGGGTGCCCGGGTCCCGGGCGCGGGGGCGCGCGGCAAGG
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GTACGGCGAGCTCCTGGCCGACAAGCAGAAGCGCGGCGCTTCTGAAGCGTGGCGGGCGCGGGGAC
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GCGGCTTCGCGCCAGGCACCGAGCCCTTCCCGGGCTTCTCCCGCAAGCCCGCGCGCTGCCAGCCC
CGGGCTCAACAGCGCCGCAAGCGCATCAAGGTGGAGAAGGACCTGGAGTGGCCCGCCGCGCTCATC
CGTCCGAGAACGTGACTCGCAGTGGCTGGTGGGCTACGCGGCTCGCGGCACTTCATGAAGGACCCCT
TCTGGGCTTACGAGCAGCAGACAGTCCCTTCCGCCAGTCTGTCGAGCACTCGTCCGAGAACGGCAG
CCTGCGCTTCTCCACGCCCGCGGGGACCTGCTGGACGGCGGCTCTCGGGCCGACGCGGACGGCCAGC
GGAGGCAGCACC CGCACCTGGGCGGCCGGGCCCGGGCGGCCAGCTCCAAGGAGGGCCCGCGCAGCG
ACACGTGCGAGTACTGCGGAAGGTGTTCAAGAACTGCAGCAACTTGACGGTGCACCGCGGAGCCACAC
CGGCGAGCGGCTTACAAGTGGAGCTGTGCAACTACGCGTGCAGCAGAGCAGCAAGCTCACGCGCCAC
ATGAAGACGCACGGGCAGATCGGCAAGGAGGTGTACCGCTGCGACATCTGCCAGATGCCCTTCAAGCT
ACAGCACCCCTGGAGAAACACATGAAAAAGTGGCACGGCGAGCACTTGTGACTAACGACGTCAAAATCGA
GCAGGCCGAGAGGAGCTAA
    
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Restriction Sites: SgfI-RsrII

ACCN: NM_001282238

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).

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_001282238.1, NP_001269167.1</u>
RefSeq Size:	7828 bp
RefSeq ORF:	2469 bp
Locus ID:	64919
UniProt ID:	<u>Q9C0K0</u>
Cytogenetics:	14q32.2
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene encodes a C2H2-type zinc finger protein and is closely related to BCL11A, a gene whose translocation may be associated with B-cell malignancies. Although the specific function of this gene has not been determined, the encoded protein is known to be a transcriptional repressor, and is regulated by the NURD nucleosome remodeling and histone deacetylase complex. Four alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (4) uses an alternate in-frame splice junction at the 5' end of an exon and lacks an alternate in-frame exon compared to variant 1. The resulting isoform (4) has the same N- and C-termini but is shorter compared to isoform 1.</p>