

Product datasheet for **SC337640**

CTIP2 (BCL11B) (NM_001282237) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTIP2 (BCL11B) (NM_001282237) Human Untagged Clone
Tag:	Tag Free
Symbol:	BCL11B
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_001282237, the custom clone sequence may differ by one or more nucleotides

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ATGTCCC GCCGCAACAGGGCAACCCG CAGCACTGTCC CAGAGGGAGCTCATCACC CAGGCTGACCATG
TGGAGGCC CCATCCTCGAAGAAGACGAGGGTCTGGAGATAGAGGAGCCAAGTGGCTGGGGCTGATGGT
GGGTGGCC CCACCTGACCTGTCCACCTGTGGCCAGTGTCAAATGAACTTCCCCTTGGGGGACATCCTG
GTTTTTATAGAGC AAAAAAGGAAGCAGTGTGGCGGCAGCTTGGGTGCCTGCTATGACAAGGCCCTGGACA
AGGACAGCC CGCCACCCTCCTCACGCTCCGAGCTCAGGAAAGTGTCCGAGCCGGTGGAGATCGGGATCCA
AGTCAACCC CCGACGAAGATGACCACCTGCTCTACCCACGAAAGGCATCTGTCCCAAGCAGGAGAACATT
GCAGGGCC CGTGCAGGCCCTGCCAGCTGCCAGCGGTGGCCCCATAGCTGCCTCCTCCCACCCTCACTCAT
CCGTGATCA CTTACCTCTGCGTGCCCTGGGCGCTCTCCCGCCCTGCCTCCCCTGCCGTGCTGCAGCGC
GCGCCCGT GTCGGGTGACGGGACTCAGGGTGAGGGT CAGACGGAGGCTCCCTTTGGATGCCAGTGTGAG
TTGTCAAGT AAAGATGAGCCTTCCAGCTACATTTGCACAACATGCAAGCAGCCCTTCAACAGCGCGTGGT
TCCTGCTGC AGCACGCGCAGAACACGCACGGCTTCCGCATCTACCTGGAGCCCGGGCCGGCCAGCAGCTC
GCTCACGCC CGCGCTCACCATCCCGCCCGCTCGGGCCGGAGGCGGTGGCGCAGTCCCCGCTCATGAAT
TTCTTGGGC GACAGCAACCCCTTCAACCTGCTGCGCATGACGGGCCCCATCCTGCGGGACCACCCGGGT
TCGGCGAG GGGCCCTGCCGGGCACGCCGCTCTTTCAGTCCCCCGCCGCGCCACCACCTGGACCCGCA
CCGCTCAGT GCCAGGAGATGGGGCTCGTCGCCACGACCCCACTGCCTTCGACCGAGTATGCGCCTG
AACCCATGG CCAATCGACTCGCCCGCATGGACTTCTCGCGGGCGCTCCGCGAGCTGGCGGGCAACAGCT
CCACGCCGC CGCCGTGTCCCGGGCCGCGCAACCCTATGCACCGGCTCCTGAACCCCTTCCAGCCAG
CCCCAAGT CCCCCTTCTGAGCACGCCCGCTGCCGCCATGCCCTTGGCGGCAGCGCCCGCCGCGAG
CCGCCAGCA AGCAAGTCTGCGGAGTCTGCGGCAAGACCTTCAAGTCCAGAGCAATCTCATGTGTC
ACCGGGCAG TCACACGGGCGAGAAGCCCTACAAGTGCCAGCTGTGCGACACGCGTGTCCGACAGGCCAG
CAAGCTCA AGCGCCACATGAAGACGCACATGCACAAGGCCGCTCGCTGGCCGGCCGCTCCGACGACGGG
CTCTCGGCC GCCAGTCCCCGAGCCCGCACCAGCGAGCTGGCGGGCGAGGGCCTCAAGGCGGCCGACG
GTGACTTCC GCCACCACGAGAGCGACCCGTGCTGGGCCACGAGCCGGAGGAGGAGGACGAGGAGGAGGA
GGAGGAGG AGGAGGAGTGTACTGGAGAACGAGAGCCGGCCGAGTTCGAGCTTCAAGTGGACTCGGAG
CTGAGCCGC AACCGGAGAACGGCGGTGGTGGGTGCCCGGGTCCCGGGCGGGGGCGCGCGGCCA
AGGCGCTGG CTGACGAGAAGGCGTGGTGTGGCAAGGTATGGAGAACGTGGGCTAGGCGACTGCC
GCAGTACGG CGAGCTCCTGGCCACAAGCAGAAGCGCGGCCTTCTGAAGCGTGGCGGGCGGGCGGG
GACCGGGCG ACGACGACGACGCGGGCGCTGCGGGACGCGGGCGGGCGGGCGGGTCAACGGGCGCG
GGGGCGGCT TCGCGCCAGGCACCGAGCCCTTCCCGGGCTCTTCCCGCGCAAGCCCGCGCGCTGCCAG
CCCCGGGCT CAACAGCGCCGCAAGCGCATCAAGGTGGAGAAGGACCTGGAGCTGCCGCCCGCCGCGCTC
ATCCCGTCC GAGAACGTGTACTCGCAGTGGTGGTGGGTACGCGGGCTCGCGGCACTTCAAGGAGCC
CCTTCTGGG CTTACGGACGCACGACAGTGCCTTTCGCCACGTCGTCCGAGCACTCGTCCGAGAACGG
CAGCCTGCG CTTCTCCACGCCCGCCGGGACCTGCTGGACGGCGGCTCTCGGGCCGACGGCACGGCC
AGCGGAGGC AGCACCCCGCACTGGGCGCCCGGGCCCGGGCGGGCCAGCTCCAAGGAGGGCCCGCCGA
GCGACAGTG CCGAGTACTGCGGCAAGGTGTTCAAGAAGTGCAGCAACTTGACGGTGCACCGCGGAGCCA
CACCGGGC AGCGCCTTACAAGTGCGAGCTGTGCAACTACGCGTGCAGCGCAGAGCAGCAAGCTCACGCGC
CACATGAAG ACGCACGGGAGATCGGCAAGGAGGTGTACCCTGCGACATCTGCCAGATGCCCTTACGCG
TCTACAGCA CCCTGGAGAAACACATGAAAAAGTGGCACGGCGAGCACTTGTGACTAACGACGTCAAAT
CGAGCAGGCC GAGAGGAGCTAA
    
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Restriction Sites: SgfI-RsrII
ACCN: NM_001282237

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:	NM_001282237.1 , NP_001269166.1
RefSeq Size:	8041 bp
RefSeq ORF:	2682 bp
Locus ID:	64919
UniProt ID:	Q9C0K0
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 (3) uses an alternate in-frame splice junction at the 5' end of an exon compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is 1 aa shorter compared to isoform 1.</p>