

## Product datasheet for **SC312609**

### CTIP1 (BCL11A) (NM\_138559) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CTIP1 (BCL11A) (NM\_138559) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CTIP1  
**Synonyms:** BCL11A-L; BCL11a-M; BCL11A-S; BCL11A-XL; CTIP1; DILOS; EVI9; HBFQTL5; ZNF856  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL4  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_138559 edited  
 CTCGAGCTTTTTTTTTTTTTTTTTTTTTTTTTGCTTAAAAAAGCCATGACGGCTCTCCCA  
 CAATTCATCTTCCCTGCGCCATCTTTGTATTATTCTAATTTATTTGGATGTCAAAGG  
 CACTGATGAAGATATTTTCTCTGGAGTCTCCTTTCTAACCCTGCTCTCCCGATGTGA  
 ACCGAGCCGTCGTCGCCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCG  
 CCATGTCTCGCCGAAGCAAGGCAAACCCAGCACTTAAGCAAACGGGAATTCTCGCCCG  
 AGCCTCTTGAAGCATTCTTACAGATGATGAACCAGACCACGGCCGTTGGGAGCTCCAG  
 AAGGGGATCATGACCTCCTCACCTGTGGCAGTGCCAGATGAACTTCCCATTGGGGGACA  
 TTCTTATTTTTATCGAGCACAACGGAACAATGCAATGGCAGCCTCTGCTTAGAAAAAG  
 CTGTGGATAAGCCACCTTCCCTTACCAATCGAGATGAAAAAGCATCCAATCCCGTGG  
 AGTTGGCATCCAGGTACGCCAGAGGATGACGATTGTTTATCAACGTCTCTAGAGGAA  
 TTTGCCCAAACAGGAACACATAGCAGATAAACTTCTGCACTGGAGGGGCTCTCCTCCC  
 CTCGTTCTGCACATGGAGCTCTAATCCCCACGCCTGGGATGAGTGAGAATATGCCCCGC  
 AGGGTATTTGTAAGATGAGCCAGCAGCTACACATGTACAACCTGCAAACAGCCATTCA  
 CCAGTGATGGTTTCTCTTGCAACACGCACAGAACACTCATGGATTAAGAATCTACTTAG  
 AAAGCGAACACGGAAGTCCCCTGACCCCGCGGGTCTTTCACACACCCCATTCGGCGTAG  
 TACCCAGAGAGCTCAAGATGTGTGGCAGTTTTTCGGATGGAAGCTCGAGAGCCCTAAGTT  
 CTGAGAAAAATTTGAAGCCCCAGGGTGGGGTGGACGCGTGCCGCCAGTCGACGTCAGC  
 GTGGTCTGTATCCTGCTAGTTTGTGATGTTTTCTGACAGTAGCCTCAAGAAGCCGTTG  
 TGCGAAGACAGAGTCTGCAGAGTCTTCCAGCCTAGCCCTGCAGCGCCATTTTATTTAT  
 ATTTTTTAATAAAAAGTAAAAACAATAAACAAGACCCACATTGGAACAGTGAATCAGTCC  
 CATAGAGAGGGCCCGTGACCATCGCTGTATGAGTATGCCCTGGCCCTTCTGAAACCA  
 GCCAACCTAATTACCTGTATTGTGGAATGCGCATGAGTCCCAACCCCTTGTCTATA  
 CATTCTATGTTGCTTTTTAAAAAGTGTGCTTAACATTGACACAATAAATGTTGGAGCTTT  
 AGGTGGT

**Restriction Sites:** NotI-NotI



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<b>ACCN:</b>	NM_138559
<b>Insert Size:</b>	1400 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_138559.1.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_138559.1</a></u> , <u><a href="#">NP_612569.1</a></u>
<b>RefSeq Size:</b>	2358 bp
<b>RefSeq ORF:</b>	732 bp
<b>Locus ID:</b>	53335
<b>UniProt ID:</b>	<u><a href="#">Q9H165</a></u>
<b>Cytogenetics:</b>	2p16.1
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (3) is also known as B-cell lymphoma/leukaemia 11A short form (BCL11A-S). It lacks a large portion of the 3' coding region which introduces a frameshift, and it contains a different 3' UTR region when compared to variant 1. The encoded isoform (3) has a truncated and distinct C-terminus, as compared to isoform 1.</p>