

Product datasheet for **MC229018**

Bcl11a (NM_001242934) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl11a (NM_001242934) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bcl11a
Synonyms:	2810047E18Rik; BCL-11A; Ctip1; D930021L15Rik; Evi9; Evi9a; Evi9b; Evi9c; mKIAA1809
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229018 representing NM_001242934
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTCGCCGAAGCAAGGCAAAACCCAGCACTTAAGCAAACGGGAATTCTCGCCGAACCTCTTGAAG
 CCATTCTTACAGATGATGAACCAGACCATGGCCCGTTGGGAGCTCCAGAAGGGGACCACGACCTTCTCAC
 CTGTGGCAGTGCCAGATGAATTTCCCACTGGGGGACATTCTTATTTTTATCGAGCACAACGGAACAA
 TGCAATGGCAGCCTCTGCTTAGAAAAAGGTGTGGATAAGCCGCCTTCCCCTTCTCCCATCGAGATGAAAA
 AGGCATCCAATCCTGTGGAGGTTGGCATCCAGGTCACGCCAGAGGATGACGATTGTTTATCAACGTCATC
 TAGAGGAATTTGCCCAAACAGGAACACATAGCAGATAAACTTCTGCACTGGAGGGGCCTGTCTCTCTCT
 CGGTCTGCACACGGAGCTCTAATCCCCACGCCGGGATGAGTGCAGAATATGCCCCGAGGGTATTTGTA
 AAGATGAGCCCAGCAGCTACACATGTACAACCTGCAAACAGCCATTACCAGTGCATGGTTTCTCTTGA
 ACACGCACAGAACACTCATGGATTAAGAATCTACTTAGAAAGTGAACACGGAAGTCCCCTGACCCCGCGG
 GTTGGTATCCCTTCAGGACTAGGTGCAGAATGTCTTCCAGCCACCTTCCATGGGATTCATATTGCAG
 ACAATAACCCCTTAACTGCTAAGAATACCAGGATCAGTATCGAGAGAGGCTTCCGGCCTGGCAGAAGG
 GCGCTTCCACCCACTCCCCCTGTTAGTCCACCACCGAGACATCACTTGGACCCCAACGCATAGAG
 CGCCTGGGGGGGAAGAGATGGCCCTGGCCACCATCACCCGAGTGCCTTGGACAGGGTCTGCGGTTGA
 ATCCAATGGCTATGGAGCCTCCCGCATGGATTTCTCTAGGAGACTTAGAGAGCTGGCAGGGAACACGTC
 TAGTCCACCGTGTCCCAGGCCGGCCAGTCTATGCAAAGGTTACTGCAACCATCCAGCCAGGTAGC
 AAGCCACCTTCTGGCAGCAGCCCGCCCTCCCTCTGCAATCCGCCCTCTCCCTCCAACCCCGCGG
 TCAAGTCCAAGTCAATCGAGTTCTGCGCAAGAGCTTCAAATTTAGAGCAACTGGTGGTTCACCGAGC
 CAGCCATACTGGTGAGAAGCCCTATAAGTGAACCTGTGCGACCACGCGTGCACACAGGCCAGCAAGCTG
 AAGCGTACATGAAGACACACATGCACAAATCGTCCCCATGACAGTCAAGTCCGACGATGGCCTCTCCA
 CAGCCAGCTCCCCGAACTGGTACCAGCGACCTGGTGGGCGAGCGCCAGCAGTGCCTCAAGTCAAGTGGT
 GGCCAAGTTCAAGAGTGAGAACGACCCCACTTATCCAGAGAACGGGGATGAGGAGGAAGAGGAGGAC
 GACGAGGAAGAAGAAGAGAGGAGGAAGAGGAGGAGGAGGAGTACGGAGAGCGAGAGGGTGGACTACG
 GCTTCGGGCTGAGCCTGGAGGCTGCACGCCACCATGAGAACAGCTCTCGGGGCGCAGTGGTGGGCGTGG
 CGACGAGGGCCGCGCCCTGCCGATGTCATGCAGGGCATGGTGTCTCAGCTCCATGCAGCACTTCAGCGAG
 GCCTTCCACCAGTCTGGGCGAAAAGCATAAGCGTAGCCACCTGGCCGAGGCCGAGGGCCATAGGGACA
 CTTGTGATGAAGACTCGGTGGCCGGTGAAGTGCAGCCGATAGACGATGGCACTGTTAATGGTCTGGCTG
 CTCCCCCGCGAATCGGCTTCCGGGGGTCTGTCAAAAAGCTGTGTGGTGGTAGCCCCAGCTCGTGAGC
 CCCTTCTCCAAGCGCATCAAGCTGGAGAAGGAGTTTGACCTGCCCCCGCCGCGATGCCTAACACGGAGA
 ACGTGTATTTCGAGTGGCTCGCTGGCTATGCGGCCTCCAGGCAGCTCAAAGATCCCTTCTTACTTTTCG
 AGACTCCAGACAATCGCCTTTGCTCTCATCAGAGCACTCTCGGAGAACGGGAGCTTGGCCTTCTCC
 ACACCGCCCGGGAGCTGGACGGAGGGATCTCAGGGCGCAGCGGCACAGGAAGTGGAGGGAGCACGCC
 ATATTAGTGGTCCGGGCCCGGGCAGGCCAGCTCAAAGAGGGCAGACGACGACACTTGTGAGTACTG
 TGGAAAAGTCTTCAAGAACTGTAGCAATCTCACTGTCCACAGGAGAAGCCACAGGGCGAAAAGCCCTTAT
 AAATGCGAGCTGTGCAACTATGCCTGTGCCAGAGTAGCAAGCTCACCAGGCACATGAAAACGCATGGCC
 AGGTGGGGAAGGACGTTTACAAATGTGAAATTTGTAAGATGCCTTTTAGCGTGTACAGTACCCTGGAGAA
 ACACATGAAAAAATGGCAGAGTATCGAGTGTGAATAATGATATAAAAACTGAA**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001242934
Insert Size: 2508 bp

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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001242934.1</u> , <u>NP_001229863.1</u>
RefSeq Size:	6122 bp
RefSeq ORF:	2508 bp
Locus ID:	14025
UniProt ID:	<u>Q9QYE3</u>
Cytogenetics:	11 A3.2
Gene Summary:	Functions as a myeloid and B-cell proto-oncogene. May play important roles in leukemogenesis and hematopoiesis. An essential factor in lymphopoiesis, is required for B-cell formation in fetal liver. May function as a modulator of the transcriptional repression activity of ARP1.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) represents the longest transcript and encodes the longest protein (isoform 4).