

Product datasheet for **MR207799**

Bcl11a (BC010585) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl11a (BC010585) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bcl11a
Synonyms:	2810047E18Rik; BCL-11A; Ctip1; D930021L15Rik; Evi9; Evi9a; Evi9b; Evi9c; mKIAA1809
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR207799 representing BC010585
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCTGGCCACCCATCACCCGAGTGCCTTTGACAGGGTGCTGCGGTTGAATCCAATGGCTATGGAGC
 CTCCCGCCATGGATTTCTCTAGGAGACTTAGAGAGCTGGCAGGGAACACGTCTAGTCCACCGCTGTCCC
 AGGCCGCGCCAGTCTATGCAAAGTTACTGCAACCATTCCAGCCAGGTAGCAAGCCACCCCTTCTGGCG
 ACGCCCCCTCCCTCTGCAATCCGCCCTCTCCCTCCCAACCCCGGTCAAGTCCAAGTCATGCG
 AGTTCTGCGGCAAGACGTTCAAATTTTCAGAGCAACTTGGTGGTTCACCGACGCAGCCATACTGGTGA
 GCCCTATAAGTGAACCTGTGCGACCACGCGTGCACACAGGCCAGCAAGCTGAAGCGTCACATGAAGACA
 CACATGCACAAATCGTCCCCATGACAGTCAAGTCCGACGATGGCCTCTCCACAGCCAGCTCCCCGGAAC
 CTGGTACCAGCAGCTGGTGGGAGCGCCAGCAGTGCCTCAAGTCAAGTGGTGGCAAGTTCAAGAGTGA
 GAACGACCCCACTTGTCCCAGAGAACGGGATGAGGAGGAAGAGGAGGACGACGAGGAAGAAGAGAA
 GAGGAGGAAGAGGAGGAGGAGGAGTGCAGGAGAGCGAGAGGGTGGACTACGGCTTCGGGCTGAGCCTGG
 AGGCTGCACGCCACCATGAGAACAGCTCTCGGGCGCAGTGGTGGGCGTGGGCGACGAGGGCCGCGCCCT
 GCCCGATGTCATGCAGGGCATGGTGTCTAGCTCCATGCAGCACTTCAGCGAGGCCCTCCACCAGTCTCTG
 GGCGAAAAGCATAAGCGTAGCCACCTGGCCGAGGCCGAGGGCCATAGGGACACTTGTGATGAAGACTCGG
 TGGCCGGTGTGAGTACAGCCGATAGACGATGGCACTGTTAATGGTGTGGTGTCTCCCCGGCGAATCGGC
 TTCGGGGGTCTGTCCAAAAGCTGTGCTGGGTAGCCCCAGCTCGTGTGACCCCTTCTCCAAGCGCATC
 AAGCTGGAGAAGGAGTTTGACCTGCCCCCGCGGATGCCTAACACGGAGAACGTGTATTGCGAGTGGC
 TCGCTGGCTATGCGGCTCCAGCAGCTCAAAGATCCCTTCTTACTTTTCGGAGACTCCAGACAATCGCC
 TTTTGCCTCTCATCAGAGCACTCTCGGAGAACGGGAGCTTGGCTTCTCCACACCCCGGGGAGCTG
 GACGGAGGGATCTCAGGGCGCAGCGGCACAGGAAGTGGAGGGAGCACGCCCATATTAGTGGTCCGGGCC
 CGGGCAGGCCAGCTCAAAGAGGGCAGACGCAGCGACTTGTCTTACACACCCCGTTTCGGCGTAG
 TACCCCGCAGCTCAAGATGTGTGGCAGTTTTTCGGATGGAAGCTCAAGAACCCTTAAGTTC

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207799 representing BC010585
 Red=Cloning site Green=Tags(s)

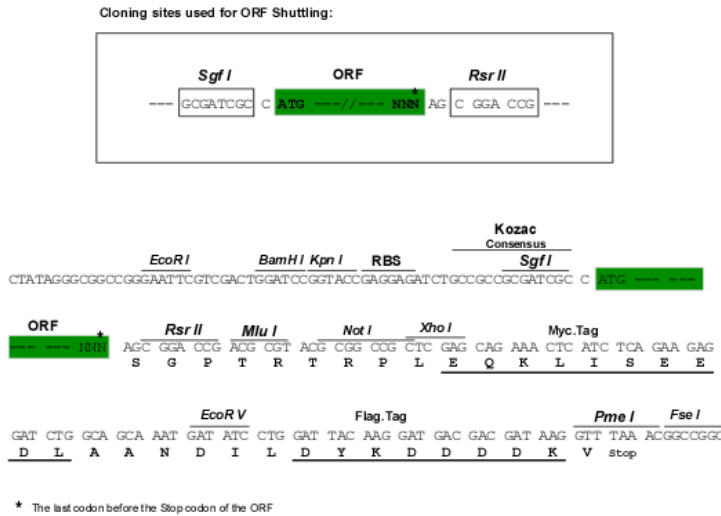
MALATHHPSAFDRVLRNPMAMEPPAMDFSRRLRELANTSSPPLSPGRPSMQRLLPFQPGSKPPFLA
 TPPLPPLQSAPPPSQPPVKSKSCEFCGKTFKFQSNLVHRRSHTGEKPYKCNLCDHACTQASKLKRHMKT
 HMKSSPMTVKSDGLSTASSPEPGTSDLVGSASSALKSVVAKFKSENDPNLIPENGDEEEEDDEEEEEE
 EEEEEEEELTESERVDYGFGLSLEAARHHENSSRGAVVGVGDEGRALPDVMQGMVLSMQHFSEAFHQVL
 GEKHKRSHLAEAEHRDTCDEDSVAGESDRIDGTVNGRGCSPGESASGGLSKLLLLGSPSSLSPFSKRI
 KLEKEFDLPPAAMPNTENVYSQWLAGYAASRQLKDPFLTFGDSRQSPFASSEHSSENGLRSTPPGEL
 DGGISGRSGTSGGSTPHISGPGPRPSSKEGRRSDTSPSHTPVRSTPRAQDVWQFSDGSSRTLKF

SGPTRRRLE**QKLI**SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-RsrII

Cloning Scheme:



ACCN: BC010585

ORF Size: 1461 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: [BC010585](#), [AAH10585](#)

RefSeq Size: 2095 bp

RefSeq ORF: 1463 bp

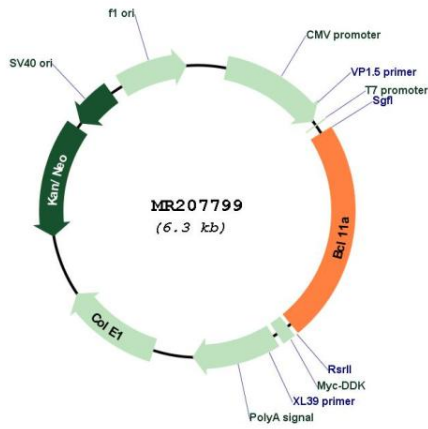
Locus ID: 14025

Cytogenetics: 11 A3.2

MW: 76.8 kDa

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]

Product images:



Circular map for MR207799