

Product datasheet for **RC233224**

Bcl rambo (BCL2L13) (NM_001270726) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl rambo (BCL2L13) (NM_001270726) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bcl rambo
Synonyms:	BCL-RAMBO; Bcl2-L-13; MIL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC233224 representing NM_001270726
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCAGGTAGTTTCAGGTCCCGCCCCGACGCCGGCGGTGACGAAGGCACGCCGGGTGACCTCACCTCC
 AACATGGCGGCGCGGTAGATTAGGGCCGCGGTGCGAGCACTACCGCCGCTGGGGGACCTGTCGGAA
 GCAACTGCCGCCGCCCTCTTTTCATCTTCTGGGCGAGGGGCCAGGGCCAGGGTTCAACTAGATATA
 GCTTCACAATCTCTGGATCAAGAAATTTTATTAAGTTAAACTGAAATTGAAGAAGAGCTAAATCTC
 TGGACAAAGAAATTTCTGAAGCCTTCACAGCACAGGCTTTGACCGTCACACTTCTCCAGTGTTCAGCCC
 TGCCAATCCAGAAAGCTCAATGGAAGACTGCTTGGCCCATCTGGAGAAAAAGTGTCCAGGAAGTGA
 GAGCCTCTCCATAAAGCATTGCAATGCTCCTGAGCCAGCCAGTGACATATCAGGCATTTGCGGAATGTA
 CACTGGAGACCACAGTTCATGCCAGCGGCTGGAATAAGATTTTGGTGCCTCTGGTTTGTCTACGACAAAT
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 AGGAGGAATACCTGGAATCACTGCAGAAGATAGCAATGACATTTACATCCTGCCAGCGACAACCTCTGG
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 TAATCTGACATTGTGCACGTGGAGAAAGAGGTGCCCGAGGGCATGGAAGAGGCTGCTGTGGCTTCT
 GTGGTCTTGCCAGCGCGGAGCTGCAAGAGGCACTTCTGAAGCCCCAGCTCCCTTGCTTCCACATATCA
 CTGCCACCTCCCTGCTGGGACAAAGGAACCTGACACAGAAGTGATCACAGTTGAGAAATCCAGCCCTGC
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 GAGGTGGTCCCCGCACTGGAACCCACAGAAACGCTGCTGAGTGAGAAGGAGATAAACGCAAGGGAAGAGA
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 GTCCCCCGCGGTGAGATGAAGCCCATGCCGTGTCTGAGGGCAAGTCTATACTGCTGTTTGGAGGGGCT
 GCTGCTGTGCCATCCTGGCAGTGGCCATCGGGGTAGCCCTGGCTCTGAGAAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC233224 representing NM_001270726
 Red=Cloning site Green=Tags(s)

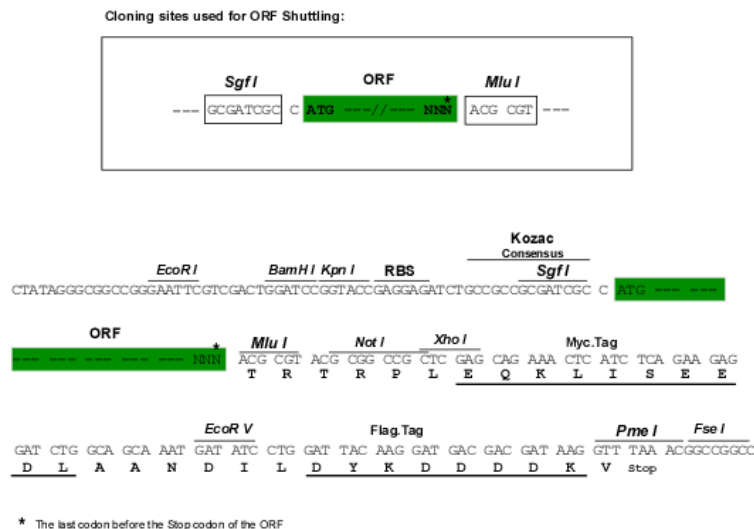
MSGSSGPAPTPAVTKARRGDLTLQHGGGRLGPRVGALTAAGGPCRKQLPPPPLSSLLGQGPQGVQLDI
 ASQSLDQEILLKVKTEIEEELKSLDKEISEAFTSTGDRHTSPVFSPANPESSMEDCLAHLGEKVSQELK
 EPLHKALQMLLSQPVTYQAFRECTLETTVHASGWNKILVPLVLLRQMLLELTRRGQEPLSALLQFGVTYL
 EDYSAEYIIQQGGWGTVFSLESEEEYPGITAEDSNDIYILPSDMSGQVSPPESTPTVTSWQSESLPVSL
 SASQSWHTESLPVSLGPESWQIAMDPEEVKSLDSNGAGEKSENNSSNSDIVHVEKEEVPEGMEEAAVAS
 VVLPARELQEALPEAPAPLLPHITATSLGTREPDTEVITVEKSSPATSLFVELDEEEVKAATTEPTEVE
 EVVPALEPTETLLSEKEINAREESLVEELSPASEKKPVPPSEKGSRLSPAGEMKPMPLSEKGSILLFGGA
 AAVAILAVAIGVALALRKK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001270726

ORF Size: 1527 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001270726.1](#), [NP_001257655.1](#)

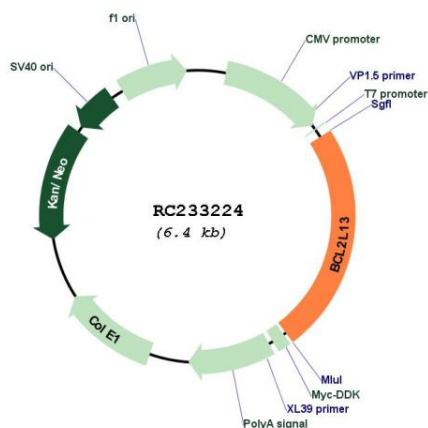
RefSeq Size: 4961 bp

RefSeq ORF: 1530 bp

Locus ID: 23786

Cytogenetics:	22q11.21
Protein Families:	Druggable Genome, Transmembrane
MW:	54.8 kDa
Gene Summary:	This gene encodes a mitochondrially-localized protein with conserved B-cell lymphoma 2 homology motifs. Overexpression of the encoded protein results in apoptosis. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012]

Product images:



Circular map for RC233224