

Product datasheet for **RC233223**

Bcl rambo (BCL2L13) (NM_001270727) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl rambo (BCL2L13) (NM_001270727) 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:

>RC233223 representing NM_001270727
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGTCAGGTAGTTTCAAGTCCCGCCCCGACGCCGGCGGTGACGAAGGCACGCCGGGTGACCTCACCTCC
 AACATGGCGGCGCGGTAGATTAGGGCCCGGGTCGGAGCACTACCGCCGCTGGGGGACCTGTGCGAA
 GCAACTGCCGCCGCCCTCTTTTCATCTTCTGGGGCAGGGGCCAGGGCCAGGGTTCAACTAGATATA
 GCTTCACAATCTCTGGATCAAGAAATTTTATTAAGTTAAAGTGAAGTGAAGAGCTAAATCTC
 TGGACAAAGAAATTTCTGAAGCTTACCAGCACAGGCTTTGACCGTCACACTTCTCCAGTGTTCAGCCC
 TGCCAATCCAGAAAGCTCAATGGAAGACTGCTTGGCCCATCTGGAGAAAAAGTCCCAGGAAGTAA
 GAGCTCTCCATAAGCATTGCAATGCTCCTGAGCCAGCCAGTGACATATCAGGCATTTCCGGAATGTA
 CACTGGAGACCACAGTTCATGCCAGCGGCTGGAATAAGGGCACTGTGTTAGTCTTGAGTCAGAGGAGGA
 GGAATACCTGGAATCACTGCAGAAGATAGCAATGACATTTACATCCTGCCAGCGACAAGTCTGGACAA
 GTCAGTCCCCCAGAGTCTCCAAGTGTGACCACTTCTGCGAGTCTGAGAGCTTACCTGTGTCACTGTGAG
 CTAGCCAGAGTTGGCACACAGAAAGCTGCCAGTGTCACTAGGCCCTGAGTCTGCGCAGCAGATTGCAAT
 GGATCCTGAAGAAGTGAAGGCTTAGACAGCAACGGAGCTGGAGAGAAGAGTGAAGCAACTCCTCTAAT
 TCTGACATTGTGCACGTGGAGAAAGAGGTCGCCGAGGGCATGGAAGAGGCTGCTGTGGCTTCTGTGG
 TCTTGCCAGCGCGGGAGCTGCAAGAGGCACTTCTGAAGCCCCAGCTCCCTTGTCTCCACATCACTGC
 CACCTCCCTGCTGGGGACAAGGGAACCTGACACAGAAGTATCACAGTTGAGAAATCCAGCCCTGCTACA
 TCTCTGTTGTAGAACTTGATGAAGAAGAGGTGAAAGCAGCAACAAGTGAAGTGAAGGAGGAGG
 TGGTCCCCGCACTGGAACCCACAGAAAGCTGCTGAGTGAGAAGGAGATAAACGCAAGGGAAGAGAGCCT
 TGTGGAAGAGCTGTCCCTGCCAGCGAGAAGAAGCCCGTCCCGCTGAGGGCAAGTCTAGACTGTCC
 CCCGCCGTGAGATGAAGCCCATGCCGCTGTCTGAGGGCAAGTCTATACTGCTGTTTGGAGGGGCTGCTG
 CTGTTGCCATCCTGGCAGTGCCATCGGGTAGCCCTGGCTCTGAGAAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC233223 representing NM_001270727
 Red=Cloning site Green=Tags(s)

MSGSSGPAPTPAVTKARRGDLTLQHGGGRLGPRVGALTAAGGPCRKQLPPPLSSLLGQGPQGVQLDI
 ASQSLDQEILLKVKTEIEEELKSLDKEISEAFTSTGFDRTSPVSPANPESSMEDCLAHLGEKVSQELK
 EPLHKALQMLLSQPVTYQAFRECTLETTVHASGWNKGTVFSESEEEYPGITAEDSNDIYILPSDNSGQ
 VSPPESTPTVTTWQSESLPVSLASQSWHTESLPVSLGPESWQIAMDPEEVKSLDSNGAGEKSENNSSN
 SDIVHVEKEEVEPEGMEEAASVAVLPARELQALPEAPLLPHITATSLTGTRPDTEVITVEKSSPAT
 SLFVELDEEEVKAAATTEPTEVEEVVPALEPTETLLSEKEINAREESLVEELSPASEKKPVPPSEKSSRLS
 PAGEMKPMPLSEKSIILLFGAAAVAILAVAIGVALALRKK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001270727

ORF Size: 1383 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_001270727.1](#), [NP_001257656.1](#)

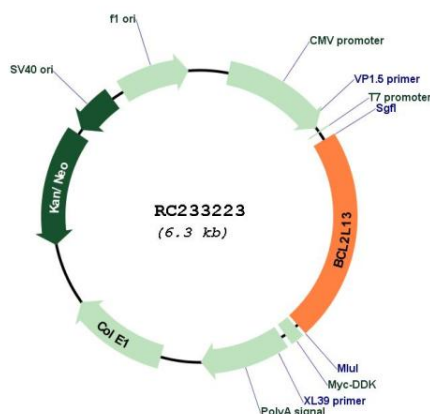
RefSeq Size: 4817 bp

RefSeq ORF: 1386 bp

Locus ID: 23786

Cytogenetics:	22q11.21
Protein Families:	Druggable Genome, Transmembrane
MW:	49.3 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 RC233223