

Product datasheet for **RC233218**

Bcl rambo (BCL2L13) (NM_001270733) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl rambo (BCL2L13) (NM_001270733) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: BCL2L13
Synonyms: BCL-RAMBO; Bcl2-L-13; MIL1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC233218 representing NM_001270733
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATCCTGAAGAAGTAAAAGCTTAGACAGCAACGGAGCTGGAGAGAAGAGTGAGAACAACCTCCTCTA
 ATTCTGACATTGTGCACGTGGAGAAAGAAGAGGTGCCCGAGGGCATGGAAGAGGCTGCTGTGGCTTCTGT
 GGTCTTGCCAGCGCGGGAGCTGCAAGAGGCACTTCTGAAGCCCCAGCTCCCTTGCTTCCACATACACT
 GCCACCTCCCTGCTGGGACAAGGGAACCTGACACAGAAGTGATCACAGTTGAGAAATCCAGCCCTGCTA
 CATCTCTGTTTGTAGAATTGATGAAGAAGAGGTGAAAGCAGCAACAACCTGAACCTACTGAAGTGGAGGA
 GGTGGTCCCCGCACTGGAACCCACAGAAACGCTGCTGAGTGAGAAGGAGATAAACGCAAGGGAAGAGAGC
 CTTGTGGAAGAGCTGTCCCTGCCAGCGAGAAGAAGCCCGTGCCGCCGTCTGAGGGCAAGTCTAGACTGT
 CCCCCCGCGGTGAGATGAAGCCCATGCCGCTGTCTGAGGGCAAGTCTATACTGCTGTTTGGAGGGGCTGC
 TGCTGTTGCCATCCTGGCAGTGGCCATCGGGGTAGCCCTGGCTCTGAGAAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233218 representing NM_001270733
 Red=Cloning site Green=Tags(s)

MDPEEVKSLDSNGAGEKSENNSSNSDIVHVEKEEVPEGMEEAAVASVVLPAELQELPEAPAPLLPHIT
 ATSLLGTPDTEVITVEKSSPATSLFVELDEEEVKAATTEPTEVEEVPALEPTETLLSEKEINAREES
 LVEELSPASEKPVPPSEGKSRLSPAGEMKPMPLSEGKSILLFGGAAVAAILAVAIGVALALRKK

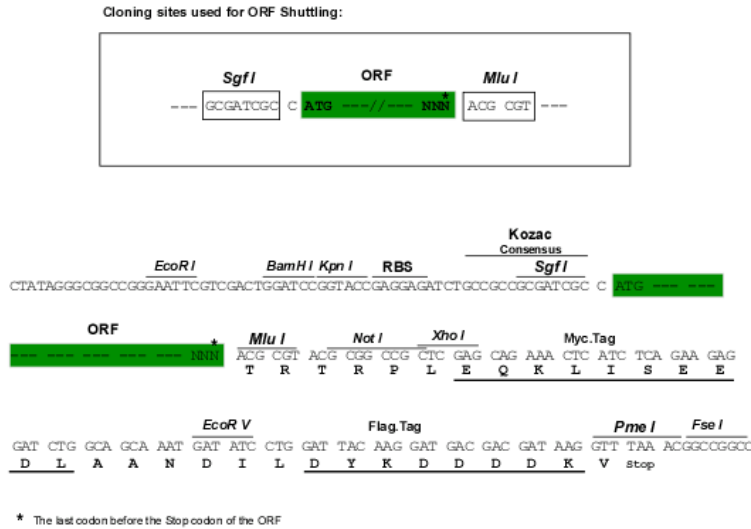
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

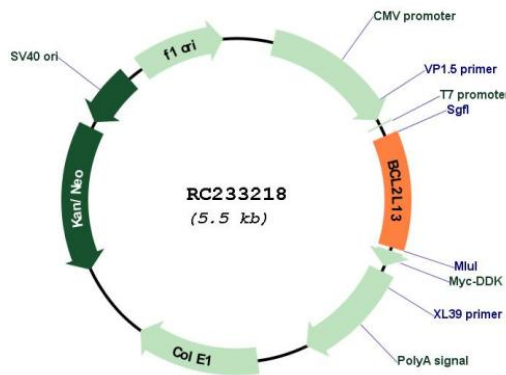


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001270733

ORF Size: 615 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: [NM_001270733.1](#), [NP_001257662.1](#)

RefSeq Size: 4347 bp

RefSeq ORF: 618 bp

Locus ID: 23786

Cytogenetics: 22q11.21

Protein Families: Druggable Genome, Transmembrane

MW: 22.1 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]