

## Product datasheet for **RG233218**

### 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:** TurboGFP  
**Symbol:** BCL2L13  
**Synonyms:** BCL-RAMBO; Bcl2-L-13; MIL1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG233218 representing NM\_001270733  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATCTGAAGAAGTAAAAGCTTAGACAGCAACGGAGCTGGAGAGAAGAGTGAGAACAACCTCTCTA  
 ATTCTGACATTGTGCACGTGGAGAAAGAAGAGGTGCCCGAGGGCATGGAAGAGGCTGCTGTGGCTTCTGT  
 GGTCTTGCCAGCGCGGGAGCTGCAAGAGGCACTTCTGAAGCCCCAGCTCCCTTGCTTCCACATACACT  
 GCCACCTCCCTGTGGGACAAGGGAACCTGACACAGAAGTGATCACAGTTGAGAAATCCAGCCCTGCTA  
 CATCTCTGTTTGTAGAATTGATGAAGAAGAGGTGAAAGCAGCAACAACCTGAACCTACTGAAGTGGAGGA  
 GGTGGTCCCCGACTGGAACCCACAGAAACGCTGCTGAGTGAGAAGGAGATAAACGCAAGGGAAGAGAGC  
 CTTGTGGAAGAGCTGTCCCTGCAGCGAGAAGAAGCCCGTGCCCGCTCTGAGGGCAAGTCTAGACTGT  
 CCCCCCGCGGTGAGATGAAGCCCATGCCGCTGTCTGAGGGCAAGTCTATACTGCTGTTTGGAGGGCTGC  
 TGCTGTTGCCATCCTGGCAGTGGCCATCGGGGTAGCCCTGGCTCTGAGAAAGAAA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG233218 representing NM\_001270733  
 Red=Cloning site Green=Tags(s)

MDPEEVKSLDSNGAGEKSENNSNSDIVHVEKEEVEPEGMEEAAVASVVLPAELQEALPEAPAPLLPHIT  
 ATSLTGTREPDTEVITVEKSSPATSLFVELDEEEVKAATTEPTEVEEVPALEPTETLLSEKEINAREES  
 LVEELSPASEKKPVPPSEGKSRSPAGEMKPMPLSEGKSILLFGGAAVAAILAVAIGVALALRKK

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI

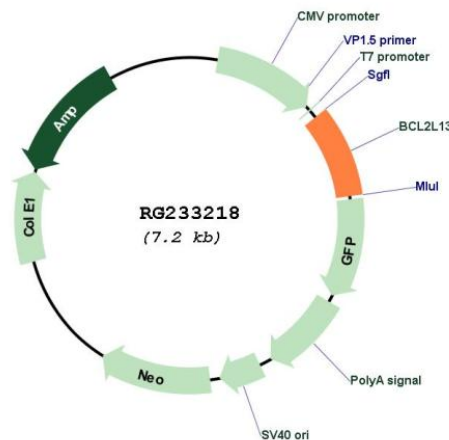


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**Cloning Scheme:**



**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

**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]