

Product datasheet for **RG233219**

Bcl rambo (BCL2L13) (NM_001270729) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl rambo (BCL2L13) (NM_001270729) 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: >RG233219 representing NM_001270729
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGCTTTTGAATTGACAAGACGTGGTCAAGAACCTTTGAGCGCACTGCTGCAGTTTGGCGTGACATACC
 TGGAGGACTATTCGGCAGAGTACATCATTAGCAAGGTGGCTGGGGCACTGTGTTTAGTCTTGAGTCAGA
 GGAGGAGGAATACCCTGGAATCACTGCAGAAGATAGCAATGACATTTACATCCTGCCAGCGACAACCTCT
 GGACAAGTCAGTCCCCAGAGTCTCCAAGTGTGACCACTTCTGGCAGTCTGAGAGCTTACCTGTGTGAC
 TGTCAGCTAGCCAGAGTTGGCACACAGAAAGCCTGCCAGTGTCACTAGGCCCTGAGTCTGGCAGCAGAT
 TGCAATGGATCCTGAAGAAGTGAAGGCTTAGACAGCAACGGAGCTGGAGAGAAGAGTGAGAAACAACCTCC
 TCTAATTCTGACATTGTGCACGTGGAGAAAGAAGAGGTGCCCGAGGGCATGGAAGAGGCTGCTGTGGCTT
 CTGTGGTCTTGCCAGCGCGGGAGCTGCAAGAGGCACTTCTGAAGCCCCAGCTCCCTTGCTTCCACATAT
 CACTGCCACCTCCCTGCTGGGGACAAGGGAACCTGACACAGAAGTGATCACAGTTGAGAAATCCAGCCCT
 GCTACATCTCTGTTGTAGAAGTGTGATGAAGAAGAGGTGAAAGCAGCAACAACCTGAAGTGG
 AGGAGGTGGTCCCCGCACTGGAACCCACAGAAACGCTGCTGAGTGAGAAGGAGATAAACGCAAGGGAAGA
 GAGCCTTGTGGAAGAGCTGTCCCCTGCCAGCGAGAAGAAGCCCGTGCCCGCTCTGAGGGCAAGTCTAGA
 CTGTCCCCGCGGTGAGATGAAGCCCATGCCGCTGTCTGAGGGCAAGTCTATACTGCTGTTTGGAGGGG
 CTGCTGCTGTTGCCATCCTGGCAGTGGCCATCGGGTAGCCCTGGCTCTGAGAAAGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG233219 representing NM_001270729
 Red=Cloning site Green=Tags(s)

MLLELTRRGQEPLSALLQFGVTYLEDYSAEYIIQQGGWGTVFSLESEEEEYPGITAEDSNDIYILPSDNS
 GQVSPPESTVTTSWQSESLPVLSASQSWHTESLPVSLGPESWQIAMDPEEVKSLDSNGAGEKSENNNS
 SNSDIVHVEKEEVPEGMEEAAVASVVLPAELQEALPEAPAPLLPHITATSLTGTREPDTEVITVEKSSP
 ATSLFVELDEEEVKAATTEPTEVEEVPALEPTETLLSEKEINAREESLVEELSPASEKKPVPPSEGKSR
 LSPAGEMKPMPLSEGKSILLFGGAAVAAILAVAIGVALALRKK

TRTRPLE - GFP Tag - V

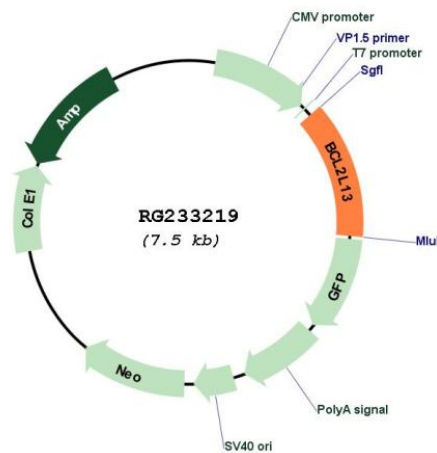
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001270729

ORF Size: 969 bp

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|-------------------------------|---|
| 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: | <ol style="list-style-type: none">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_001270729.1 , NP_001257658.1 |
| RefSeq Size: | 4975 bp |
| RefSeq ORF: | 972 bp |
| Locus ID: | 23786 |
| UniProt ID: | Q9B XK5 |
| 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] |