

Product datasheet for **RG200042**

Bcl rambo (BCL2L13) (NM_015367) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl rambo (BCL2L13) (NM_015367) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Bcl rambo
Synonyms:	BCL-RAMBO; Bcl2-L-13; MIL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG200042 representing NM_015367
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGTCTCTTCTACTGTGCCTCTGGGATTTCACTATGAAACAAAGTATGTTGTTCTCAGCTACTTGG
 GACTCCTCTCTCAAGAGAAGCTGCAAGAGCAACATCTTTCTCACCCCAAGGGTTCAACTAGATATAGC
 TTCACAATCTCTGGATCAAGAAATTTTATTAAGTTAAACTGAAATTGAAGAAGAGCTAAAATCTCTG
 GACAAAGAAATTTCTGAAGCCTTACCAGCACAGGCTTTGACCGTCACACTTCTCCAGTGTTCAGCCCTG
 CCAATCCAGAAAGCTCAATGGAAGACTGCTTGGCCATCTTGGAGAAAAAGTGTCCAGGAACTGAAAGA
 GCCTCTCCATAAAGCATTGCAAATGCTCCTGAGCCAGCCAGTGACATATCAGGCATTTCCGGGAATGTACA
 CTGGAGACCACAGTTCATGCCAGCGCTGGAATAAGATTTTGGTGCCTCTGGTTTGTCTACGACAAATGC
 TTTTGAATTGACAAGACGTGGTCAAGAACCTTTGAGCGCACTGTGCAGTTTGGCGTGACATACCTGGA
 GGACTATTCGGCAGAGTACATCATTCAGCAAGGTGGCTGGGCACTGTGTTTAGTCTTGAGTCAGAGGAG
 GAGGAATACCCTGGAATCACTGCAGAAGATAGCAATGACATTTACATCCTGCCAGCGACAACCTCTGGAC
 AAGTCAGTCCCCAGAGTCTCCAAGTGTGACCACTTCTGGCAGTCTGAGAGCTTACCTGTGTCACTGTG
 AGCTAGCCAGAGTTGGCACACAGAAAGCCTGCCAGTGTCACTAGGCCCTGAGTCTGGCAGCAGATTGCA
 ATGGATCTGAAGAAGTAAAAGCTTAGACAGCAACGGAGCTGGAGAGAAGAGTGAGAACAACCTCTCTA
 ATTCTGACATTGTGCACGTGGAGAAAGAAGAGGTGCCCGAGGGCATGGAAGAGGCTGTGTGGCTTCTGT
 GGTCTTGGCAGCGCGGAGCTGCAAGAGGCACTTCTGAAGCCCCAGTCCCTTGCTTCCACATCACT
 GCCACCTCCCTGCTGGGACAAGGGAATCTGACACAGAAGTATCACAGTTGAGAAATCCAGCCCTGCTA
 CATCTCTGTTTGTAGAATTGATGAAGAAGAGGTGAAAGCAGCAACAACCTGAACCTACTGAAGTGGAGGA
 GGTGGTCCCCGCACTGGAACCCACAGAAACGCTGCTGAGTGAGAAGGAGATAAACGCAAGGGAAGAGAGC
 CTGTGGAAGAGCTGTCCCTGCCAGCGAGAAGAAGCCCGTCCCGCTGTGAGGCAAGTCTAGACTGT
 CCCCCCGCGTGAGATGAAGCCCATGCCGCTGTCTGAGGGCAAGTCTATACTGCTGTTTGGAGGGCTGCT
 TGCTGTTGCCATCTGGCAGTGGCCATCGGGTAGCCCTGGCTCTGAGAAAGAA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG200042 representing NM_015367
 Red=Cloning site Green=Tags(s)

MASSTVPLGFHYETKYVVL SYLGLLSQEKLQEQLSSPQGVQLDIASQSLDQEILLKVKTEIEEELKSL
 DKEISEAFTSTGFDRHTSPVFS PANPESSMEDCLAHLGEKVSQELKEPLHKALQMLLSQPVTYQAFRECT
 LETTVHASGWNKILVPLVLLRQMLLELTRRGQEPLSALLQFGVTYLEDYSAEYIIQQGGWGTVFSLESEE
 EEPYGITAEASNDIYILPSDMSGVSPPESTVTTSWQSESLPVSL SASQSWHTESLPVSLGPESWQQIA
 MDPEEVKSLDSNGAGEKSENNSNSDIVHVEKEEVPEGMEEAAVASVVLPARELQEALPEAPAPLLPHIT
 ATSLLGTRSDTEVITVEKSSPATSLFVELDEEEVKAATTEPTEVEEVVPALEPTETLLSEKEINAREES
 LVEELSPASEKKPVPPSEGKSR LSPAGEMKPMPLSEGKSI LLFGGAAVAAILAVAIGVALALRKK

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_015367

ORF Size: 1455 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_015367.2](#), [NP_056182.2](#)

RefSeq Size: 3367 bp

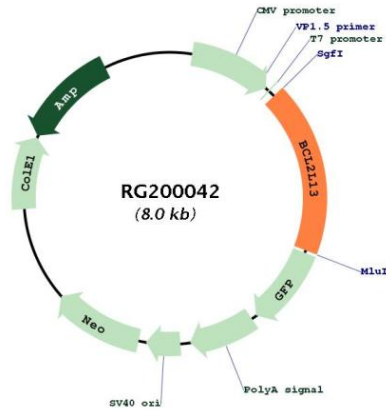
RefSeq ORF: 1458 bp

Locus ID: 23786

UniProt ID: [Q9B XK5](#)

Cytogenetics:	22q11.21
Domains:	Bcl-2
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]

Product images:



Circular map for RG200042