

## Product datasheet for **RG233221**

### **Bcl rambo (BCL2L13) (NM\_001270731) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl rambo (BCL2L13) (NM_001270731) 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:	>RG233221 representing NM_001270731 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTTTTGAATTGACAAGACGTGGTCAAGAACCTTTGAGCGCACTGCTGCAGTTTGGCGTGACATACC  
TGGAGGACTATTCGGCAGAGTACATCATTAGCAAGGTGGCTGGGGCACTGTGTTTAGTCTTGAGTCAGA  
GGAGGAGGAATACCCTGGAATCACTGCAGAAGATAGCAATGACATTTACATCCTGCCAGCGACAACCTCT  
GGACAAGTCAGTCCCCAGAGTCTCCAAGTGTGACCACTTCTGGCAGTCTGAGAGCTTACCTGTGTAC  
TGTCAGCTAGCCAGAGTTGGCACACAGAAAGCCTGCCAGTGTCACTAGGCCCTGAGTCTGGCAGCAGAT  
TGCAATGGATCCTGAAGAAGTGAAGGCTTAGACAGCAACGGAGCTGGAGAGAAGAGTGAGAACTCC  
TCTAATTCTGACATTGTGCACGTGGAGAAAGAAGAGGTGCCCGAGGGCATGGAAGAGGCTGCTGTGGCTT  
CTGTGGTCTTGCCAGCGCGGGAGCTGCAAGAGGCACTTCTGAAGCCCCAGCTCCCTTGCTTCCACATAT  
CACTGCCACCTCCCTGCTGGGGACAAGGGAACCTGACACAGAAGTGATCACAGTTGAGAAATCCAGCCCT  
GCTACATCTCTGTTGTAGAAGTGTGATGAAGAAGAGGTGAAAGCAGCAACAACCTGAAGTGG  
AGGAGGTGGTCCCCGCACTGGAACCCACAGAAACGCTGCTGAGTGAGAAGGAGATAAACGCAAGGGAAGA  
GAGCCTTGTGGAAGAGCTGTCCCTGCCAGCGAGAAGAAGCCCGTGCCCGCTCTGAGGGCAAGTCTAGA  
CTGTCCCCCGCGGTGAGATGAAGCCCATGCCGCTGTCTGAGGGCAAGTCTATACTGCTGTTTGGAGGGG  
CTGCTGCTGTTGCCATCCTGGCAGTGGCCATCGGGTAGCCCTGGCTCTGAGAAAGAAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG233221 representing NM\_001270731  
 Red=Cloning site Green=Tags(s)

MLLELTRRGQEPLSALLQFGVTYLEDYSAEYIIQQGGWGTVFSLESEEEEYPGITAEDSNDIYILPSDNS  
 GQVSPPESTVTTSWQSESLPVLSASQSWHTESLPVSLGPESWQIAMDPEEVKSLDSNGAGEKSENN  
 SNSDIVHVEKEEVPEGMEEAAVASVVLPAELQEALPEAPAPLLPHITATSLTGTREPDTEVITVEKSSP  
 ATSLFVELDEEEVKAATTEPTEVEEVPALEPTETLLSEKEINAREESLVEELSPASEKKPVPPSEGKSR  
 LSPAGEMKPMPLSEGKSILLFGGAAVAAILAVAIGVALALRKK

TRTRPLE - GFP Tag - V

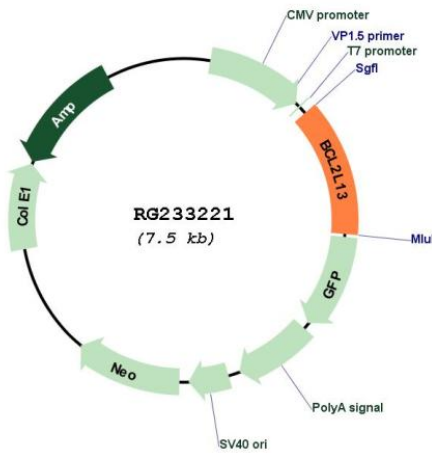
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_001270731

**ORF Size:** 969 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001270731.1</a> , <a href="#">NP_001257660.1</a>
<b>RefSeq Size:</b>	5062 bp
<b>RefSeq ORF:</b>	972 bp
<b>Locus ID:</b>	23786
<b>UniProt ID:</b>	<a href="#">Q9BXK5</a>
<b>Cytogenetics:</b>	22q11.21
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	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]