

## Product datasheet for RC233221

### 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:	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:	>RC233221 representing NM_001270731 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTTTTGAATTGACAAGACGTGGTCAAGAACCTTTGAGCGCACTGCTGCAGTTGGCGTGACATAACC  
TGGAGGACTATTCGGCAGAGTACATCATTAGCAAGGTGGCTGGGCACTGTGTTTAGTCTTGAGTCAGA  
GGAGGAGGAATACCTGGAACTACTGCAGAAGATAGCAATGACATTTACATCCTGCCAGCGACAACCTCT  
GGACAAGTCAGTCCCCAGAGTCTCAACTGTGACCACCTCCTGGCAGTCTGAGAGCTTACTGTGTCCAC  
TGTGAGCTAGCCAGAGTTGGCACACAGAAAGCCTGCCAGTGTCACTAGGCCCTGAGTCTGGCAGCAGAT  
TGCAATGGATCCTGAAGAAGTAAAAGCTTAGACAGCAACGGAGCTGGAGAGAAGAGTGAGAAACAACCTCC  
TCTAATTCTGACATTGTGCACGTGGAGAAAAGAGGTGCCCGAGGGCATGGAAGAGGCTGCTGTGGCTT  
CTGTGGTCTTGCCAGCGCGGGAGCTGCAAGAGGCACTTCTGAAGCCCCAGCTCCCTTGCTTCCACATAT  
CACTGCCACCTCCCTGCTGGGACAAGGGAACCTGACACAGAAGTGATCACAGTTGAGAAATCCAGCCCT  
GCTACATCTCTGTTTGTAGAATTGATGAAGAAGAGGTGAAAGCAGCAACAACCTACTGAAGTGG  
AGGAGGTGGTCCCCGCACTGGAACCCACAGAAACGCTGCTGAGTGAGAAGGAGATAAACGCAAGGGAAGA  
GAGCCTTGTGGAAGAGCTGTCCCCTGCCAGCGAGAAGAAGCCCGTCCCGCGTCTGAGGGCAAGTCTAGA  
CTGTCCCCCGCCGGTGAGATGAAGCCATGCCGCTGTCTGAGGGCAAGTCTATACTGCTGTTTGGAGGGG  
CTGCTGCTGTTGCCATCCTGGCAGTGGCCATCGGGGTAGCCCTGGCTCTGAGAAAGAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC233221 representing NM\_001270731  
 Red=Cloning site Green=Tags(s)

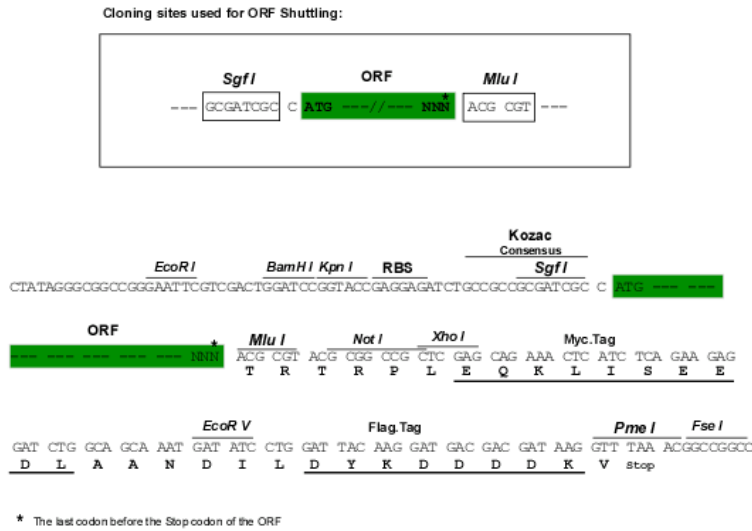
MLLELTRRGQEPLSALLQFGVTYLEDYSAEYIIQQGGWGTVFSLESEEEYPGITAEDSNDIYILPSDNS  
 GQVSPPEPTVTTSWQSESLPVLSASQSWHTESLPVSLGPESWQQIAMDPEEVKSLDSNGAGEKSENNS  
 SNSDIVHVEKEEVPEGMEEAAVASVVLPAELQEALPEAPAPLLPHITATSLTGTREPDTEVITVEKSSP  
 ATSLFVELDEEEVKAATTEPTEVEEVPALEPTETLLSEKEINAREESLVEELSPASEKKPVPVPEGKSR  
 LSPAGEMKPMPLSEGKSILLFGGAAVAI LAVAIGVALALRKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

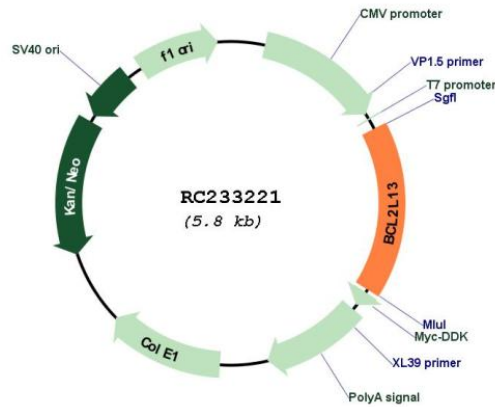
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**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="#">Q9B XK5</a>
<b>Cytogenetics:</b>	22q11.21
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>MW:</b>	35.1 kDa
<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]