

Product datasheet for RC233219

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:	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:	>RC233219 representing NM_001270729 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTTTGAATTGACAAGACGTGGTCAAGAACCTTTGAGCGCACTGCTGCAGTTGGCGTGACATAACC
TGGAGGACTATTCGGCAGAGTACATCATTAGCAAGGTGGCTGGGGCACTGTGTTTAGTCTTGAGTCAGA
GGAGGAGGAATACCTGGAACTACTGCAGAAGATAGCAATGACATTTACATCCTGCCAGCGACAACCTCT
GGACAAGTCAGTCCCCAGAGTCTCAACTGTGACCACTTCTGGCAGTCTGAGAGCTTACTGTGTGCAC
TGTCAGCTAGCCAGAGTTGGCACACAGAAAGCCTGCCAGTGTCACTAGGCCCTGAGTCTGGCAGCAGAT
TGCAATGGATCCTGAAGAAGTAAAAGCTTAGACAGCAACGGAGCTGGAGAGAAGAGTGAGAAACAACCTCC
TCTAATTCTGACATTGTGCACGTGGAGAAAAGAGGTGCCCGAGGGCATGGAAGAGGCTGCTGTGGCTT
CTGTGGTCTTGCCAGCGCGGGAGCTGCAAGAGGCACTTCTGAAGCCCCAGCTCCCTTGCTTCCACATAT
CACTGCCACCTCCCTGCTGGGGACAAGGGAACCTGACACAGAAGTGATCACAGTTGAGAAATCCAGCCCT
GCTACATCTCTGTTTGTAGAATTGATGAAGAAGAGGTGAAAGCAGCAACAACCTAACTACTGAAGTGG
AGGAGGTGGTCCCCGCACTGGAACCCACAGAAACGCTGCTGAGTGAGAAGGAGATAAACGCAAGGGAAGA
GAGCCTTGTTGGAAGAGCTGTCCCCTGCCAGCGAGAAGAAGCCCGTCCCGCGTCTGAGGGCAAGTCTAGA
CTGTCCCCCGCCGGTGAGATGAAGCCATGCCGCTGTCTGAGGGCAAGTCTATACTGCTGTTTGGAGGGG
CTGCTGCTGTTGCCATCCTGGCAGTGGCCATCGGGGTAGCCCTGGCTCTGAGAAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC233219 representing NM_001270729
 Red=Cloning site Green=Tags(s)

MLLELTRRGQEPLSALLQFGVTYLEDYSAEYIIQQGGWGTVFSLESEEEYPGITAEDSNDIYILPSDNS
 GQVSPPEPTVTTSWQSESLPVLSASQSWHTESLPVSLGPESWQQIAMDPPEVKSLDSNGAGEKSENN
 SNSDIVHVEKEEVPEGMEEAAVASVVLPALEALPEAPAPLLPHITATSLTGTREPDTEVITVEKSSP
 ATSLFVELDEEEVKAATTEPTEVEEVPALPTETLLSEKEINAREESLVEELSPASEKKPVPVPEKSR
 LSPAGEMKPMPLSEGKSILLFGGAAVAIVLAVAIGVALALRKK

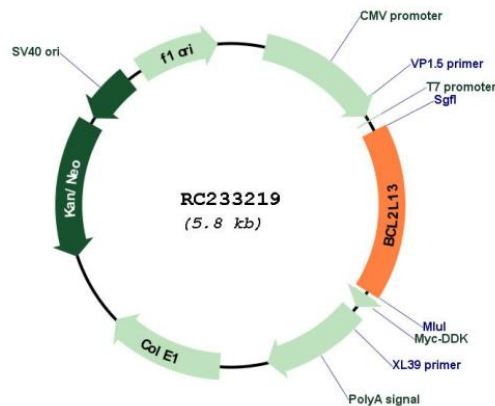
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001270729

ORF Size: 969 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:	<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
MW:	35.1 kDa
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]