

Product datasheet for **RR200314**

Bcl2l11 (NM_171988) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl2l11 (NM_171988) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bcl2l11
Synonyms: Bim; BimL; Bod
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >NM_171988 ORF sequence, RR200314 may differ due to SNPs.
Blue=ORF **Red**=Cloning site **Green**=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCAAGCAACCTTCTGATGTAATTCTGAGTGTGACAGAGAAGGTGGACAATTGCAGCCTGCTGAG
AGGCCTCCCCAGCTCAGGCCTGGGGCCCTACCTCCCTACAGACAGAATCGCAAGTAATCCCGACGGC
GAAGGGGACCGCTGCCCCACGGCAGCCCTCAGGGCCCGCTGGCCCCACCGGCCAGCCCTGGTCCTTTT
GCTACCAGATCCCCTTTTCATCTTTGTGAGAAGATCTTCTCTGCTGTCCCGGTCTCCAGTGGGTAT
TTCTCTTTTGACACAGACAGGAGCCCGCACCCATGAGTTGTGACAAGTCAACACAAACCCCAAGTCT
CCTTGCCAGGCCTTCAACCATTATCTCAGTGCAATGGCTTCCATAAGGCAGTCTCAGGAGGAACCTGAA
GATCTGCGCCAGAGATACGGATCGCACAGGAGCTGCGGCGGATCGGAGACGAGTTCAATGAGACTTAC
ACGAGGAGGGCGTTTGCAAACGATTACCGAGAGGCGGAAGACCACCCGAAATGGTTATCTTACAAC
TTACGATTTCATCTCCGTCTGGTCTGGAGAAGGCAC
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Protein Sequence: >Peptide sequence encoded by RR200314
Blue=ORF **Red**=Cloning site **Green**=Tag(s)

```
MAKQPSDVNSECDREGGQLQPAERPPQLRPGAPTSLQTESQGNPDGEGDRCPHGSPQGPLAPPASPGPF
ATRSPLFIFVRRSSLLSRSSSGYFSFDTRSPAPMSCDKSTQTPSPPCQAFNHYL SAMASIRQSQEEPE
DLRPEIRIAQELRRIGDEFNETYTRRAFANDYREAEDHPQMVLQLLRFIFRLVWRRH
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



Plasmid Map:



ACCN: NM_171988

ORF Size: 588 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:	<u>NM_171988.3</u>
RefSeq Size:	5092 bp
RefSeq ORF:	591 bp
Locus ID:	64547
UniProt ID:	<u>O88498</u>
Cytogenetics:	3q36
MW:	22.1 kDa
Gene Summary:	proapoptotic Bcl-2 related protein that interacts with anti-apoptotic Bcl-2 family members to play a role in regulation of apoptosis [RGD, Feb 2006]