

Product datasheet for RR214220

Bcl2l2 (NM_021850) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl2l2 (NM_021850) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bcl2l2
Synonyms: BCL-W; BCL-WEL; BCL-WS; Bclw
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214220 representing NM_021850
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCGACCCAGCCTCAACCCAGACACAGGGCTCTAGTGGCTGACTTTGTAGGCTATAAGCTGAGGC
 AGAAGGGTTATGTCTGTGGAGCTGGCCCTGGGGAAGGCCAGCAGCCGACCCGCTGCACCAAGCCATGCC
 GGCAGCTGGAGACGAGTTTGTAGACCCGCTTCCGGCGCACCTTCTCTGACCTGGCCGCTCAGCTACACGTG
 ACCCCAGGCTCAGCCAGCAACGCTTACCCAGGTTTCCGACGAACCTTTCCAAGGGGGCCCAACTGGG
 GCCGTCTTGTGGCATTCTTTGTCTTTGGGGCTGCCCTGTGTGCTGAGAGTGTCAACAAAGAAATGGAGCC
 ATTGGTGGGACAAGTGCAGGATTGGATGGTGACCTACCTGGAGACACGCTTGGCTGACTGGATCCACAGC
 AGTGGGGGCTGGGCGGAGTTCACAGCTCTATACGGGGACGGGGCCCTGGAGGAGGCACGGCGTCTGCGGG
 AGGGGAAGTGGGCATCAGTGAGGACAGTGTGACGGGGCTGTGGCACTGGGGCCCTGGTAACTGTAGG
 GGCCTTTTTTGTAGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214220 representing NM_021850
 Red=Cloning site Green=Tags(s)

MATPASTPDTRALVADFVGYKLRQKGYVCGAGPGEGPAADPLHQAMRAAGDEFETRFRRTFSDLAAQLHV
 TPGSAQQRFTQVSDLEFQGGPNWGRLVAFFVFGAALCAESYKEMEPLVGQVQDWMVTYLETRLADWIHS
 SGGWAEFTALYGDGALEEARRLREGNWSVVRTVLTGAVALGALVTVGGAFFASK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

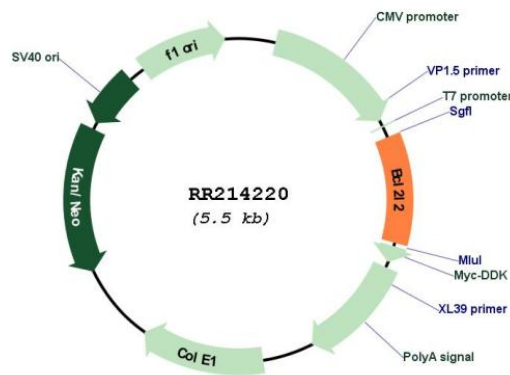


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Cloning Scheme:



Plasmid Map:



ACCN: NM_021850

ORF Size: 579 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_021850.2](#), [NP_068622.1](#)

RefSeq Size: 3545 bp

RefSeq ORF: 582 bp

Locus ID: 60434

Cytogenetics: 15p13

MW: 20.8 kDa

Gene Summary: may be involved in inhibition of apoptosis [RGD, Feb 2006]