

Product datasheet for MR220491

Bcl2l2 (NM_007537) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl2l2 (NM_007537) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bcl2l2
Synonyms: AW048834; Bcl-w; bclw; c98; Gtrgal2; Gtrosa41
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR220491 representing NM_007537
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGACCCAGCCTCAACCCAGACACAGGGCTCTAGTGGCTGACTTTGTAGGCTATAAGCTGAGGC
 AGAAGGGTTATGTCTGTGGAGCTGGCCCTGGGGAAGGCCAGCCGCCACCCGCTGCACCAAGCCATGCC
 GGCTGTGGAGACGAGTTTGAGACCCGTTCCGCCGACCTTCTCTGACCTGGCCGCTCAGCTACACGTG
 ACCCCAGGCTCAGCCAGCAACGCTTACCAGGTTTCCGACGAACCTTTCCAAGGGGGCCCTAACTGGG
 GCCGTCTTGTGGCATTCTTTGTCTTTGGGGCTGCCCTGTGTGCTGAGAGTGTCAACAAAGAAATGGAGCC
 TTTGGTGGGACAAGTGCAGGATTGGATGGTGGCCACCTGGAGACACGCTGGCTGACTGGATCCACAGC
 AGTGGGGGCTGGGCGGAGTTCACAGCTCTATACGGGGACGGGGCCCTGGAGGAGGCACGGCGTCTGCGGG
 AGGGGAACCTGGGCATCAGTGAGGACAGTGTGACGGGGCCGTGGCACTGGGGGCCCTGGTAACTGTAGG
 GCCTTTTTTGCTAGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR220491 representing NM_007537
 Red=Cloning site Green=Tags(s)

MATPASTPDTRALVADFGYKLRQKGYVCGAGPGEPAADPLHQAMRAAGDEFETRFRRTFSDLAAQLHV
 TPGSAQQRFTQVSEDLFQGGPNWGRLVAFFVFGAALCAESVNKEMEPLVGQVQDWMVAYLETRLADWIHS
 SGGWAEFTALYGDGAL EEARRLREGN WASVRTVLTGAVALGALVTVGAFFASK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Chromatograms: https://cdn.origene.com/chromatograms/mm9029_d10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_007537

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_007537.1](#), [NP_031563.1](#)

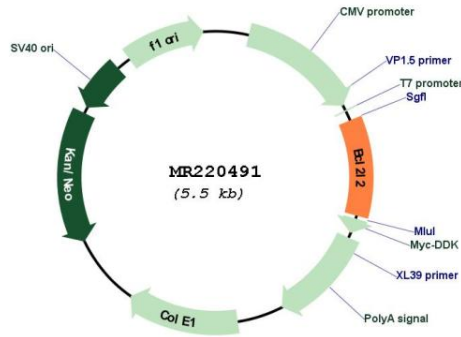
RefSeq Size: 3476 bp

RefSeq ORF: 582 bp

Locus ID: 12050

UniProt ID: [P70345](#)
 Cytogenetics: 14 27.98 cM
 MW: 21.2 kDa
 Gene Summary: Promotes cell survival. Blocks dexamethasone-induced apoptosis. Mediates survival of postmitotic Sertoli cells by suppressing death-promoting activity of BAX.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220491