

Product datasheet for **MR228668**

Bcl2l1 (NM_001289716) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl2l1 (NM_001289716) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bcl2l1
Synonyms: Bcl; Bcl(X; Bcl(X)L; bcl-; bcl-x; Bcl-XL; bcl2-L-1; Bcl2l; BclX
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228668 representing NM_001289716
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTCAGAGCAACCGGGAGCTGGTGGTCGACTTTCTCTCCTACAAGCTTTCCAGAAAGGATACAGCT
 GGAGTCAGTTTAGTGATGTCGAAGAGAATAGGACTGAGGCCCCAGAAGAACTGAAGCAGAGAGGGAGAC
 CCCAGTGCCATCAATGGCAACCCATCCTGGCACCTGGCGGATAGCCCGCCGTGAATGGAGCCACTGGC
 CACAGCAGCAGTTTGGATGCGCGGGAGGTATTCCCATGGCAGCAGTGAAGCAAGCGCTGAGAGAGGCAG
 GCGATGAGTTTGAAGTACCGGAGAGCGTTCAGTGATCTAACATCCAGCTTCACATAACCCAGG
 GACCGCGTATCAGAGCTTTGAGCAGGTAGTGAATGAACTTTTCGGGATGGAGTAACTGGGGTTCGCATC
 GTGGCCTTTTTCTCCTTTGGCGGGCACTGTGCGTGAAAAGCGTAGACAAGGAGATGCAGGTATTGGTGA
 GTCGGATTGCAAGTTGGATGGCCACCTATCTGAATGACCACCTAGAGCCTTGGATCCAGGAGAACGGCGG
 CTGGGACACTTTTGTGGATCTCTACGGAAACAATGCAGCAGCCGAGAGCCGAAAGGCCAGGAGCGCTTC
 AACCGTGGTTCTCGACGGGCATGACTGTGGCTGGTGTGGTTCTGCTGGGCTCACTTTCAGTCGGAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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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_001289716.1](#), [NP_001276645.1](#)

RefSeq Size: 2627 bp

RefSeq ORF: 702 bp

Locus ID: 12048

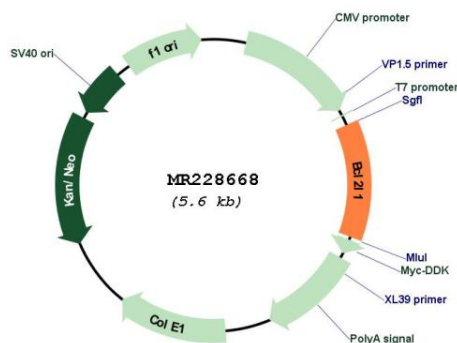
UniProt ID: [Q64373](#)

Cytogenetics: 2 H1

MW: 26.1 kDa

Gene Summary: This gene encodes a member of the Bcl-2 family of apoptosis regulators. The encoded protein is localized to the inner and outer mitochondrial membranes and regulates the programmed cell death pathway during development and tissue homeostasis. This protein binds to voltage-dependent anion channels in the outer mitochondrial membrane to facilitate the uptake of calcium ions. Mice embryos lacking this gene survived for two weeks and exhibited cell death of immature hematopoietic cells and neurons. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Jan 2014]

Product images:



Circular map for MR228668