

Product datasheet for **MR224664**

Bcl2l11 (NM_207681) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl2l11 (NM_207681) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bcl2l11
Synonyms: 1500006F24Rik; bcl2-L-11; Bim; Bod
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR224664 representing NM_207681
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAAGCAACCTTCTGATGTAAGTTCTGAGTGTGACAGAGAAGGTGGACAATTGCAGCCTGCTGAGA
GGCCTCCCAGCTCAGGCCTGGGGCCCTACCTCCCTACAGACAGAACCAGCAAGACAGGAGCCCGCACC
CATGAGTTGTGACAAGTCAACACAAACCCCAAGTCTCCTTGGCCAGGCCTCAACCACTATCTCAGTGCA
ATGGCTTCCATACGACAGTCTCAGGAGGAACCTGAAGATCTGCGCCCGGAGATACGGATTGCACAGGAGC
TGGCGGATCGGAGACGAGTTCAACGAACTTACACAAGGAGGGTGTGGCAAATGATTACCGCGAGGC
TGAAGACCACCCTCAAATGGTTATCTTACAACCTGTTACGCTTTATCTCCGTCTGGTATGGAGAAGGCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR224664 representing NM_207681
Red=Cloning site Green=Tags(s)
MAKQPSDVSSECDREGQLQPAERPPQLRPGAPTSLQTEPQDRSPAPMSCKSTQTPSPPCQAFNHLYLSA
MASIRQSQEPEDLRPEIRIAQELRRIGDEFNETYTRRVFANDYREAEDHPQMVLQLLRFIFRLVWRRH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1599_b07.zip

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_207681

ORF Size: 420 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_207681.2](#), [NP_997564.1](#)

RefSeq Size: 4872 bp

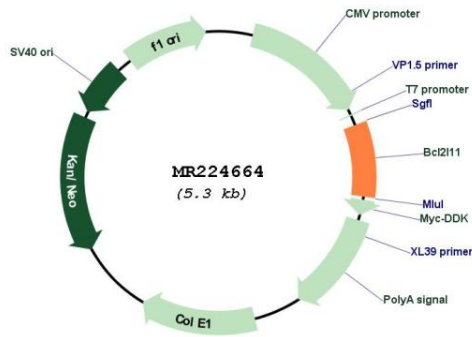
RefSeq ORF: 423 bp

Locus ID: 12125

UniProt ID: [O54918](#)

Cytogenetics: 2 F1
MW: 16.7 kDa
Gene Summary: Induces apoptosis and anoikis. The isoforms vary in cytotoxicity with isoform BimS being the most potent and isoform BimEL being the least potent.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224664