

Product datasheet for MC225588

Bcl2l11 (NM_001291016) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcl2l11 (NM_001291016) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bcl2l11
Synonyms: 1500006F24Rik; bcl2-L-11; Bim; Bod
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225588 representing NM_001291016
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGC

ATGGCCAAGCAACCTTCTGATGTAAGTTCTGAGTGTGACAGAGAAGGTGGACAATTGCAGCCTGCTGAGA
 GGCTCCCCAGCTCAGGCCTGGGGCCCTACCTCCCTACAGACAGAACCAGCAAGAGAGCCCGGCACC
 CATGAGTTGTGACAAGTCAACACAAACCCCAAGTCCTCCTTGCCAGGCCTCAACCACTATCTCAGTGCA
 ATGGATCAGTTGGAGAATCTTAACCAAGTGGCACAAAATATCCACGGTGATGCCTGGTACAACGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001291016

Insert Size: 276 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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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_001291016.1, NP_001277945.1</u>
RefSeq Size:	2304 bp
RefSeq ORF:	276 bp
Locus ID:	12125
Cytogenetics:	2 F1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (5) lacks an in-frame segment in the central coding region, and lacks two 3' exons but contains an alternate 3' terminal exon, and it thus differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (5) has a distinct C-terminus and is shorter than isoform 1.</p>