

Product datasheet for **MR225844**

Bcl3 (NM_033601) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcl3 (NM_033601) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bcl3
Synonyms:	A1528691; Bcl-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR225844 representing NM_033601
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCCCGATGCCCCGCGGGGGCCATGGACGAGGGGCCCTGGACCTGCGCACCCGGCCCAAGGGCACCC
 CGGGCGCCGCGCTGCCACTCCGCAAAACGCCGCTGCGCCCCGCGTCCCCAGAGCCCGCAACCACGCGCAG
 CCCCCTGGACCCCTGGACGCCCTGCGCAGCGGCTGCGACGTCCCGTTGTCCCTGGGCCCCCCACTGT
 GTGGCCAGGCCGAGGCCCTTTACTACCAGGGACCTTTGATGCCATTTACTCTACCCCGACGATGGCCC
 CCCACTTCCGCTGCTGAACCTGCCTACTACCCCTACTCCATGATATGCCCCATGGAACACCCCTTTT
 AGCTGATATTGCCATGGCACTCGGGTGGATGAGGATGGAGACACGCCTCTCCACATCGCTGTGGTCCAG
 AATAACATAGCCGCTGTCTACCGAATACTCAGCCTTTTCAAGCTTGGGAGCCGCGAAGTAGACGTCCATA
 ACAACCTGCGGCAGACCCGCTCCACCTGGCTGTCATACCACATTACCAGACATGGTCCGGCTCTTGGT
 GACAGCTGGTGCCAGCCCATGGCCCTGGATCGTCACGGCCAGACTGCAATTCACCTGGCATGCGAGCAC
 CGCAGCCCAAGCTGCCTGCAGGCCCTGCTGGACAGCGCAACCTCAGGCTCCGTGGACCTGGAGGTTGCGA
 ATTATGAAGGGCTCACTGCCCTGCACGTGGCCGTGAACACCGGGTGCAGGAGGCTGTTCTGCTGCTCCT
 GGAGCGTGGCGCGGACATCGATGCACTGGATATCAAGAGCGGCCGCTCCCCACTCATCCACGCCGTGGAG
 AACACAGCCTGAACATGGTGAACCTCTGCTGCTGCACGGCGCAACGTGAACGCTCAGATGATTCTG
 GCAGCTCGGCTCTGCATTCTGCGTCTGGCCGCGGGCTTCTGCCTCTGGTGCACGCTGGTGCAGCGG
 GGCTGACAGCGCCCTCAAGAAGTGTACAATGACACACCTCTCATGGTGGCGCGCAGCCGAGGGTCAAT
 GATATCTTAAGGGGAAGCCCTCTGGGCTGCTCAGGGTACAGCCTGAGCCATCCCCAGACCAAGTG
 CCACCAACTCCCCGAGAGCAGCAGTCTCAGCTCCAATGGCCTCCAGTCTCGCCAAGCTCCTACC
 CTGCTGTCTCCCCGAAAGATGCTCCTGGCTTCCCCGCGACTCCCCAAAACCTTTTCTTCCACAAACA
 TCTACACCTGCCTTCTGCCCTTCCAGGAGTCTCCGAGGCCCTGGCCGCGCCGTACCCCTTCCCCAG
 CTCAGGAAGCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225844 representing NM_033601
 Red=Cloning site Green=Tags(s)

MPRCPAGAMDEGPVDLRTRPKGTPGAALPLRKRPLRPASPEPATRSPAGPLDALRSGCDVPVPGPPHC
 VARPEALYYQGLMPIYSTPTMAPHFLLNLPTHPYSMICPMEHPLSADIAMATRVDEGDTPHIAVVQ
 NNIAAVYRILSLFKLGSREVDVHNNLRQTPLHLAVITTLPDMVRLVTAGASPMALDRHGQTAIHLACEH
 RSPSCLQALLDSATSGSVDLEVRNYEGLTALHVAVNTGCQEAVLLLLLERGADIDAVDIKSGRSPLIHAVE
 NNSLNMVQLLLLHGAVNAQMYSGSSALHSASGRLLPLVRTLVRSAGDSLKNCHNDTPLMVARSRRI
 DILRGKASRAASGSQPEPSDQSATNSPESSRLSSNGLQSSPSSPSLSPPKDAPGFPATPQNFFLPTT
 STPAFLPFPGVLRGPRPVPPSPAGSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1290_g10.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_033601

ORF Size: 1344 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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.

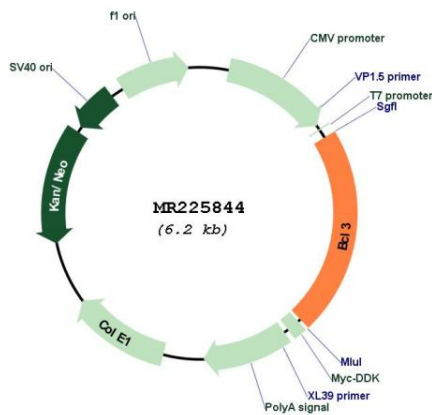
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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_033601.3, NP_291079.2](#)
RefSeq Size: 1835 bp
RefSeq ORF: 1347 bp
Locus ID: 12051
UniProt ID: [Q9Z2F6](#)
Cytogenetics: 7 9.95 cM
MW: 47.7 kDa

Gene Summary: Contributes to the regulation of transcriptional activation of NF-kappa-B target genes. In the cytoplasm, inhibits the nuclear translocation of the NF-kappa-B p50 subunit (By similarity). In the nucleus, acts as transcriptional activator that promotes transcription of NF-kappa-B target genes. Contributes to the regulation of cell proliferation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225844