

Product datasheet for **MG225844**

Bcl3 (NM_033601) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Bcl3 (NM_033601) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Bcl3 |
| Synonyms: | A1528691; Bcl-3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MG225844 representing NM_033601
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGCATGCCCGCGGGGGCCATGGACGAGGGGCCCTGGACCTGCGCACCCGGCCCAAGGGCACCC
 CGGGCGCCGCGCTGCCACTCCGCAAACGCCCGCTGCGCCCCGCGTCCCCAGAGCCCGCAACCACGCGCAG
 CCCCCTGGACCCCTGGACGCCCTGCGCAGCGGCTGCGACGTCCCGTTGTCCCTGGGCCCCCCACTGT
 GTGGCCAGGCCGAGGCCCTTTACTACCAGGGACCTTTGATGCCATTTACTCTACCCCGACGATGGCCC
 CCCACTTTCCGCTGCTGAACCTGCCTACTACCCCTACTCCATGATATGCCCCATGGAACACCCCTTTT
 AGCTGATATTGCCATGGCACTCGGGTGGATGAGGATGGAGACACGCCTCTCCACATCGCTGTGGTCCAG
 AATAACATAGCCGCTGTCTACCGAATACTAGCCTTTTCAAGCTTGGGAGCCGCGAAGTAGACGTCCATA
 ACAACCTGCGGCAGACCCCGCTCCACCTGGCTGTCATCACACATTACCAGACATGGTCCGGCTCTTGGT
 GACAGCTGGTGCCAGCCCATGGCCCTGGATCGTCACGGCCAGACTGCAATTCACCTGGCATGCGAGCAC
 CGCAGCCCCAGCTGCCTGCAGGCCCTGCTGGACAGCGCAACCTCAGGCTCCGTGGACCTGGAGGTTGCGA
 ATTATGAAGGGCTCACTGCCCTGCACGTGGCCGTGAACACCGGGTGCAGGAGGCTGTTCTGCTGCTCCT
 GGAGCGTGGCGCGGACATCGATGCACTGGATATCAAGAGCGGCCGCTCCCCACTCATCCACGCCGTGGAG
 AACACAGCCTGAACATGGTGAACCTCTGCTGCTGCACGGCGCAACGTGAACGCTCAGATGATTTCTG
 GCAGCTCGGCTCTGCATTCTGCGTCTGGCCGCGGGCTTCTGCCTCTGGTGCACGCTGGTGCAGCGG
 GGCTGACAGCGCCCTCAAGAAGTGTGACAAATGACACACCTCTCATGGTGGCGCGCAGCCGAGGGTCA
 GATATCTTAAGGGGAAGCCTCTCGGGCTGCTCAGGGTACAGCCTGAGCCATCCCCAGACCAAGTG
 CCACCACTCCCCGAGAGCAGCAGTCTCAGCTCCAATGGCCCTCAGTCTCGCCAAGCTCCTCACC
 CTCGCTGTCTCCCCGAAAGATGCTCCTGGCTTCCCCGCGACTCCCCAAAACCTTTTCTCTCCACAACA
 TCTACACCTGCCTTCTGCCCTTCCAGGAGTCTCCGAGGCCCTGGCCGGCCCGTACCCCTTCCCCAG
 CTCAGGAAGCAGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG225844 representing NM_033601
 Red=Cloning site Green=Tags(s)

MPRCPAGAMDEGPVDLRTRPKGTPGAALPLRKRPLRPASPEPATRSPAGPLDALRSGCDVPVVPVPPHC
 VARPEALYYQGPLMPIYSTPTMAPHFLLNLPHPYSMICPMEHPLSADIAMATRVDEDGDTPLHIAVVQ
 NNIAAVYRILSLFKLSREVDVHNNLRQTPLHLAVITTLPMVRLLVTAGASPMALDRHGQTAIHLACEH
 RSPSCLQALLDSATSGSVDLEVRNYEGLTALHVAVNTGCQEAVLLLLLARGADIDAVIDIKSGRSPLIHAVE
 NNLSLNMVQLLLLHGAVNAQMYSGSSALHSASGRGLLPLVRTLVRSGADSGLNCHNDTPLMVARSRVVI
 DILRGKASRAASGSQPEPSPDQSATNSPESSRLSSNGLQSSPSSPSLSPPKDAPGFPATPQNFLLPTT
 STPAFLFPFVLRGPRVPPSPAPGSS

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

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

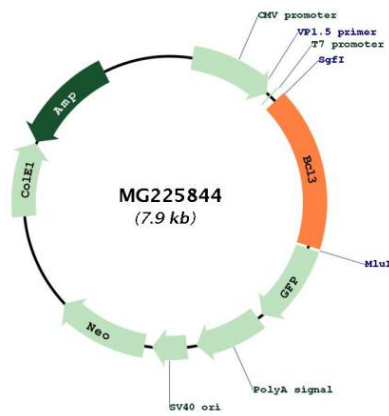
Locus ID: 12051

UniProt ID: [Q9Z2F6](#)

Cytogenetics: 7 9.95 cM

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 MG225844