

## Product datasheet for **RG222963**

### **BOK (NM\_032515) Human Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: BOK (NM\_032515) Human Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: BOK  
 Synonyms: BCL2L9; BOKL  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >RG222963 representing NM\_032515  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGGTGCTGCGGCGCTCCTCGGTCTTCGCCGCCGAGATCATGGACGCCTTTGACCGCTCGCCACAG  
 ACAAGGAGCTGGTGGCCAGGCCAAGGCGCTGGGCCGGGAGTACGTGCACGCGCGGCTGTCGCGCCGG  
 CCTCTCCTGGAGCGCGCCGAGCGTGCCGCGCCGGTCCCGGGACGCTGGCTGAGGTGTGCGCGGTGCTG  
 CTGCGCCTGGGCGATGAGCTGGAGATGATCCGGCCAGCGTCTACCGCAACGTGGCGCGTCACTGCACA  
 TCTCCCTGCAGTCTGAGCCTGTGGTGACCGATGCGTTCCTGGCCGTGGCTGGCCACATCTTCTCTGCAGG  
 CATCACGTGGGGCAAGGTGGTGTCCCTGTATGCGGTGGCCGCGGGGCTGGCCGTGGACTGTGTGAGGCAG  
 GCCCAGCCTGCCATGGTCCACGCCCTCGTGGACTGCCTGGGGGAGTTCGTGCGCAAGACCCTGGCAACCT  
 GGCTGCGGAGACGCGCGGATGGACTGATGTCCTCAAGTGTGGTGCAGCACAGACCCTGGCCTCCGCTC  
 CCACTGGCTGGTGGCTGCACTCTGCAGCTTCGGCCGCTTCTGAAAGGCTGCCTTCTCTGCTGCTGCCA  
 GAGAGA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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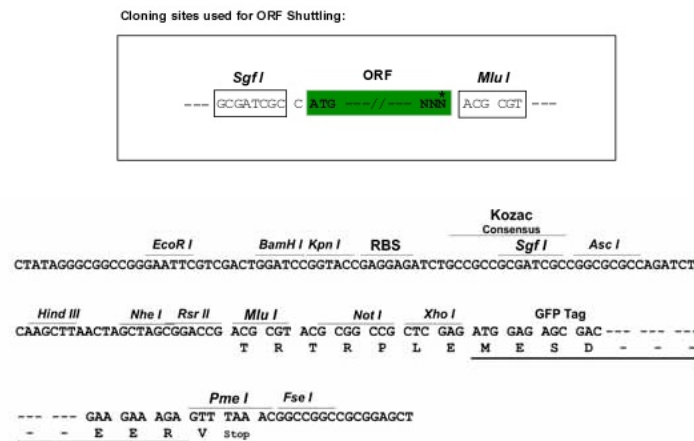
**Protein Sequence:** >RG222963 representing NM\_032515  
 Red=Cloning site Green=Tags(s)

```
MEVLRSSVFAAEIMDAFDRSPTDKELVAQAKALGREYVHARLLRAGLSWSAPERAAPVPGRLAEVCAVL
LRLGDELEMIRPSVYRNVARQLHISLQSEPVVTD AFLAVAGHIF SAGITW GKVVSLYAVAAGLAVDCVRQ
AQPAMVHALVDCLGEFVRKTLATWLRRRGGWTDV LKCVVSTDPGLRSHWLVAALCSFGRFLKAAFFVLLP
ER
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_032515

**ORF Size:** 636 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\\_032515.5](#)

**RefSeq Size:** 2617 bp

**RefSeq ORF:** 639 bp

**Locus ID:** 666

**UniProt ID:** [Q9UMX3](#)

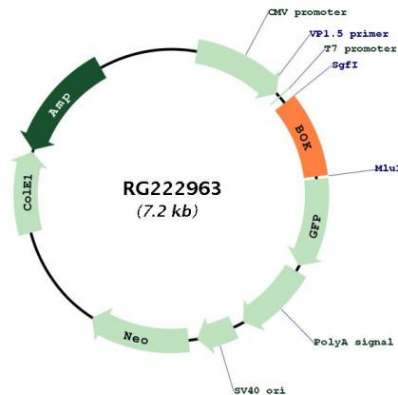
**Cytogenetics:** 2q37.3

**Domains:** Bcl-2

**Protein Families:** Druggable Genome

**Gene Summary:** The protein encoded by this gene belongs to the BCL2 family, members of which form homo- or heterodimers, and act as anti- or proapoptotic regulators that are involved in a wide variety of cellular processes. Studies in rat show that this protein has restricted expression in reproductive tissues, interacts strongly with some antiapoptotic BCL2 proteins, not at all with proapoptotic BCL2 proteins, and induces apoptosis in transfected cells. Thus, this protein represents a proapoptotic member of the BCL2 family. [provided by RefSeq, Sep 2011]

### Product images:



Circular map for RG222963