

Product datasheet for **SC104435**

BOK (NM_032515) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BOK (NM_032515) Human Untagged Clone
Tag:	Tag Free
Symbol:	BOK
Synonyms:	BCL2L9; BOKL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_032515 edited
GAATTCGGCACGAGGAGAAGGCCAAGCCCCAAGCCCAGCCTCTCGCCAGCTGGGAGTCCG
GCGCTGCCACCTCGCTGCCAGGCCCCGACGCCGGCAGGAGCCCCCAAGAGCGCG
GGAAGCCCCGTGGACCTGGCGCTCCCGCTCGGGCTGGACGGGGCGGGCGCCGGGGCGG
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TGGGAGGGTTCCTGGAATTGGGTCTTATCCTGATTAGATGTAAGGCACTAATGCTGAT
TTCCAGTAGTAAAAAGAACCCGATAGTCAAAAAAAAAAAAAAAAAAACTCGAC
    
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032515 unedited CAGCAATTTGTAATACGACTCACTATAGGGCGGCNCGCAATTCGCACGAGGAGAAGGCC AAGCCCCAAGCCCAGCCTCTCGCCAGCTGGGAGTCGCGCGCTGCCACCTCGCTGCCAG GCCCCGACGCCGCGGCAGGAGCCCCCAAGAGCGCGGGAAGCCCCGTGGACCTGGCGCT CCCCTGCTGGGCGTGGCGGGGCGGGCGGGGCGGGCGCGCTCTCGCGGTCTGAA TGAAGGGTCGAGGTCGTCGTCGCGCGGAGAGATCCTGAAGCCAGAACTCCACCCGG CGCCCGCCATGCGGCGGGAGAGGTGCGGCGCCCCCACCCGCTCGCCGCCATGGAGG TGCTGCGCGCTCTCGTCTTCGCCGCGAGATCATGGACGCCTTTGACCGCTCGCCCA CAGACAAGGAGCTGGTGGCCAGGCCAAGGCGCTGGGCCGGGAGTACGTGCACGCGCGGC TGCTGCGCGCGGCTCTCTGGAGCGCGCCGAGCGTCCCGCGCGGTCCCGGGACGCC TGGCTGAGGTGTGCGCGGTGCTGCTGCGCTGGGCGATGAGCTGGAGATGATCCGCCCA GCGTCTACCGCAACGTGGCGCTCAGCTGCACATCTCCTGCAGTCTGAGCCTGTGGTGA CCGATGCGTTCCTGGCCGTGGTGGCCACATCTTCTGTCAGGCATCACGTGGGGCAAAG GTGGTGCCTGTATGCGGTGGCCGCGGGGCTGGCCGTGACTGTGTGGAGGCAGGCCCA GCCTGCCATGGTCCACGCCCTCGTGGACTGCTGGGGGGAGTTCTGTGCGCAAGACCCTGT CAACCTGGCTGCGGAGAACGGCGGATGGACTGATGTCTCAAGGTGGGGGAGCAAGACCC CTGCTCCGCTCCATGGCTGGGGGCTGACTCTGCAGCTTGGCCGCTTCTGAAGCTGCT TT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032515 unedited NGGTTTTTCTCTGGCCCGGGCCGATTCTANGATCGAGTTTTTTTTTTTTTTTTTTT ACTATCGGTGTTCTTTTTACTACTGGGAAACAGCATTAGTGCCTTTACATCTAATCAGGA TAAAGACCAATTCCAGGAACCCCTCCATCCCCACCCTCTCGCCACTCCCACCCTCAAT TATTTTCAAGCAAACCTCCGCACCTCTTACCATGTTGTATAGGTAGAAGCTATTTAA CACACACACAGTGACATTCTGTCTAAAATGACAACGATCGTTTGGAGAAGTTTATTACCA CCCCTACCCTCCAGTGGGATCTCAATGTCACGATGAGTCCGGGGCTGGCTTTCGCGCGGG ACCCTCTGTCTGGCACATGGCCACCCACGACGAAGCCTGGCCGGGAGGGCTCAGGT GGGTGGCTGCTAGGCCAGGCCTCCCCAGAACGACTGCCCCATGTCCAGCCTGTATCTCT GAGTGCCTAGAAATGTAGGCGTCAAGGGAAGGCTGTGTGTGGGGGCACCTGAGGGGCT GGGCTTCCCAGGCATCTGAGTTCTTACGGAGCCCTAATAGGCACATCCCCAAATGGCTGT ATGAGGATGAGCACAAAAATAGCAGATGGGGTCAACCCTCACCTCCACTGACAATGGACT GGGATCCGACTCATGCAACATTCTTCTCGGCCGTAAGTTCACATCCATGGGTTAAGTG TGCTGGCTGGAGCCCGCCGCCCCGTTCCCCACCGACAAGGACCCCATCACAAGTGG GTGGCATACTTTCTCCCCAACGGACTAACCAACCCACGTGAACCTTACCTCTGT TTACAGGGTGGATCCCCAACTTTCCG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_032515
Insert Size:	2900 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).
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_032515.3](#), [NP_115904.1](#)

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]