

## Product datasheet for RC211604

### BCL2L10 (NM\_020396) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** BCL2L10 (NM\_020396) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** BCL2L10  
**Synonyms:** BCL-B; bcl2-L-10; Boo; Diva  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC211604 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTTGACCAAGTTGCGGGAGCGCACCACCATGGCCGACCCGCTGCGGGAGCGCACCCGAGCTGTTGCTGG  
 CCGACTACCTGGGGTACTGCGCCCGGAACCCGGCACCCCGAGCCGGCGCCATCCACGCCCGAGGCCGC  
 CGTGTGCGCTCCGCGCCGCGCAGTTACGGCAGATTACCGGTCCTTTTCTCCGCTACCTCGGCTAC  
 CCCGGAAACCGCTTCGAGCTGGTGGCGCTGATGGCGGATTCGCTGCTCTCCGACAGCCCCGGCCCCACT  
 GGGCAGAGTGGTGACGCTCGTGACCTTCGAGGACGCTGCTGGAGAGAGGGCCGCTGGTGACCCCG  
 GTGAAGAAGTGGGGCTCCAGCCGCGCTAAAGGAGCAGGAGGGCGACGTCGCCCGGGACTGCCAGCGC  
 CTGGTGGCCTTGCTGAGCTCGCGGCTCATGGGGCAGCACCGCGCTGGCTGCAGGCTCAGGGCGGCTGGG  
 ATGGCTTTTGTCACTTCTTCAGGACCCCTTTCCACTGGCTTTTGGAGAAAACAGCTGGTCCAGGCTTT  
 TCTGTCATGCTTGTAAACAACAGCCTTCATTTATCTCTGGACACGATTATTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC211604 protein sequence  
 Red=Cloning site Green=Tags(s)

MVDQLRERTTMADPLRRETELLADYLYGCAREPGTPEPAPSTPEAAVLRSAARLRQIHRFFSAYLGY  
 PGNRFELVALMADSVLSDSPGPTWGRVTVLVTFA GTLLERGPLVTARWKKWGFQPRLKEQEGDVARDCQR  
 LVALLSSRLMGQHRAWLQAQGGWDFCHFFRTPFPLAFWRKQLVQAFLSCLLTTAFIYLWTRLL

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



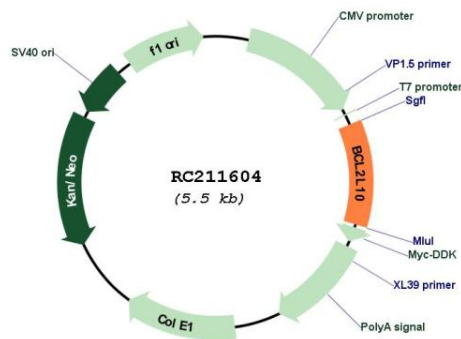
[View online »](#)



RefSeq ORF: 615 bp  
 Locus ID: 10017  
 UniProt ID: [Q9HD36](#)  
 Cytogenetics: 15q21.2  
 Protein Families: Druggable Genome, Transmembrane  
 MW: 23.2 kDa

**Gene Summary:** The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The protein encoded by this gene contains conserved BH4, BH1 and BH2 domains. This protein can interact with other members of BCL-2 protein family including BCL2, BCL2L1/BCL-X(L), and BAX. Overexpression of this gene has been shown to suppress cell apoptosis possibly through the prevention of cytochrome C release from the mitochondria, and thus activating caspase-3 activation. The mouse counterpart of this protein is found to interact with Apaf1 and forms a protein complex with Caspase 9, which suggests the involvement of this protein in APAF1 and CASPASE 9 related apoptotic pathway. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RC211604