

Product datasheet for **RG214730**

BCL2L12 (NM_001040668) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: BCL2L12 (NM_001040668) Human Tagged ORF Clone
 Tag: TurboGFP
 Symbol: BCL2L12
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >RG214730 representing NM_001040668
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGACGGCCCGCTGGGCTGTTCCCGCCCTATGCCCTTTTTGGGTTCCGGCCAGAGGCATGCTGGG
 AGCGTCACATGCAAATTGAGCGTGCACCCAGCGTTCGCCCTTCTACGCTGGGCCGTTATCGACCCGG
 CCCAGTGCAGGCGCGGAAAGTTGAACATAAAAGTTGTACGAGTTCAGTGGAGGAGACCGCAAGTT
 GAGTGGAGGAGGCGCGGTGGGGCCCGGACCAGGTGCCTCCATGGCAGGCTCGAAGAGCTGGGGCTCC
 GGAAGACACGCTGAGGGTCTAGCTGCCTTCCCTTAGGCGTGGTGGAGGCTGCCGGTCTCCTGTTCCAAC
 TCCACCTAGAAGCCTGCCAAGAAGAGCCAACAGACTTCCTGAGCCGCCTTCGAAGATGTCTCCCTGC
 TCCTGGGGCGAGGAGCAGCCCCCTCTGAGTCCCCTCGGCCTTGCTCTCTGCCATCCGCCCTGTATG
 GTTTAGAGCCTGGCCAGCTACTCCAGACTTCTATGCTTTGGTGGCCAGCGGCTGGAACAGCTGGTCCA
 AGAGCAGCTGAAATCTCCGCCAGCCAGAAATTACAGGGTCCCCATCGACAGAGAAGGAAGCCATACTG
 CGGAGGCTGGTGGCCCTGCTGGAGGAGGAGGCAGAAGTCATTAACCAGAAGCTGGCCTCGGACCCCGCC
 TGCGCAGCAAGCTGGTCCGCTGTCTCCGACTCTTCGCCCGCCTGGTGGAGCTGTTCTGTAGCCGGGA
 TGACAGCTCTGCCCAAGCCGAGCATGCCCGGGCCCCGCTCCTTCCCGGAGCCCTGGCCCGCTG
 GCCCTAGCCATGGAGCTGAGCCGGCGCTGGCCGGGCTGGGGGCACCCTGGCCGACTCAGCGTGGAGC
 ACGTGCACAGCTTACGCCCTGGATCCAGGCCACGGGGCTGGGAGGCATCCTGGCTGTTTACCCGT
 GGAATTGAACTGCCATTGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_001040668.1](#), [NP_001035758.1](#)

RefSeq Size: 1890 bp

RefSeq ORF: 1002 bp

Locus ID: 83596

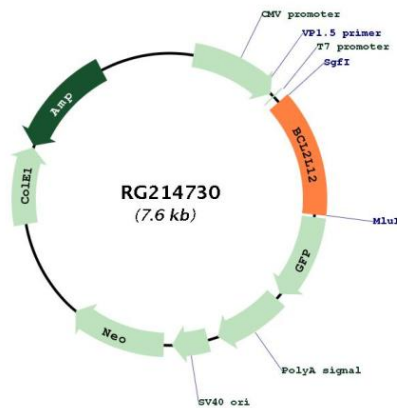
UniProt ID: [Q9HB09](#)

Cytogenetics: 19q13.33

Protein Families: Druggable Genome

Gene Summary: This gene encodes a member of a family of proteins containing a Bcl-2 homology domain 2 (BH2). The encoded protein is an anti-apoptotic factor that acts as an inhibitor of caspases 3 and 7 in the cytoplasm. In the nucleus, it binds to the p53 tumor suppressor protein, preventing its association with target genes. Overexpression of this gene has been detected in a number of different cancers. There is a pseudogene for this gene on chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Product images:



Circular map for RG214730