

## Product datasheet for **SC311176**

### **BCL2L12 (NM\_001040668) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** BCL2L12 (NM\_001040668) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** BCL2L12  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >SC311176 representing NM\_001040668.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGACGGCCCGCTGGGCTGTTCCCGCCCTATGCCCTTTTTGGGTTCCGGCCAGAGGCATGCTGG
GAGCGTCACATGCAAATTGAGCGTGACCCAGCGTTCGCCCTTCTACGCTGGGCCGGTTATCGACCC
GGCCAGTGCGCAGGCGGGAAAGTTGAACTAATAAAGTTTGTACGAGTTCAGTGGAGGAGACCGCAA
GTTGAGTGGAGGAGGCGGGTGGGGCCCCGACCAGGTGCCCTCCATGGCAGGCTCTGAAGAGCTGGGG
CTCCGGGAAGACACGCTGAGGGTCTAGCTGCCTCCTTAGGCGTGGTGAAGGCTGCCGGGTCTCCTGTT
CCAACCTCACCTAGAAGCCCTGCCAAGAAGAGCCAACAGACTTCTGAGCCGCCTCGAAGATGTCTT
CCCTGCTCCCTGGGGCGAGGAGCAGCCCTCTGAGTCCCTCGGCTTGCTCTCTGCCATCCGCCCC
TGCTATGGTTTAGAGCCTGGCCAGCTACTCCAGACTTCTATGCTTTGGTGGCCAGCGGCTGGAACAG
CTGGTCCAAGAGCAGCTGAAATCTCCGCCAGCCAGAATTACAGGGTCCCCATCGACAGAGAAGGAA
GCCATACTGCGGAGGCTGGTGGCCCTGCTGGAGGAGGAGCAGAAGTCATTAACCAGAAGCTGGCCTCG
GACCCCGCCTGCGCAGCAAGCTGGTCCGCTGTCTCCGACTCTTTCGCCCGCCTGGTGGAGCTGTTT
TGTAGCCGGGATGACAGCTCTGCCAAGCCGAGCATGCCCGGGCCCCCGCTCCTTCCCGGAGCCC
CTGGCCCGCCTGGCCCTAGCCATGGAGCTGAGCCGGCGCTGGCCGGGCTGGGGGGCACCCCTGGCCGGA
CTCAGCGTGGAGCACGTGCACAGCTTACGCCCTGGATCCAGGCCACGGGGGCTGGGAGGCATCCTG
GCTGTTTACCCGTGGACTTGAACCTTGCCATTGGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001040668  
**Insert Size:** 1005 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001040668.1</a></u>
<b>RefSeq Size:</b>	1890 bp
<b>RefSeq ORF:</b>	1005 bp
<b>Locus ID:</b>	83596
<b>UniProt ID:</b>	<u><a href="#">Q9HB09</a></u>
<b>Cytogenetics:</b>	19q13.33
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	36.8 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (3) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>