

Product datasheet for **SC122437**

BCL2L12 (BC007724) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BCL2L12 (BC007724) Human Untagged Clone
Tag:	Tag Free
Symbol:	BCL2L12
Synonyms:	Bcl-2 related proline-rich protein; BCL2-like 12; BCL2-like 12 (proline rich); MGC120313; MGC120314; MGC120315
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC007724 edited

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GGCACGAGGCGAGTTTCAGTGGAGGAGACCGCAAGTTGAGTGGAGGAGGCGGCGGTGGGGC
CCCGGACCAGGTGCCTCCATGGCAGGCTCTGAAGAGCTGGGGCTCCGGGAAGACACGCTG
AGGGTCCTAGCTGCCTTCCTTAGCGTGGTGAGGCTGCCGGTCTCCTGTTCCAACCTCA
CCTAGAAGCCCTGCCAAGAAGAGCCAACAGACTTCTGAGCCGCTTCGAAGATGTCTT
CCCTGCTCCCTGGGGCGAGGAGCAGCCCCCTCTGAGTCCCTCGGCCTTGCTCTTGCCC
ATCCGCCCTGCTATGGTTTAGAGCCTGGCCAGCTACTCCAGACTTCTATGCTTTGGTG
GCCAGCGGCTGGAACAGCTGGTCCAAGAGCAGCTGAAATCTCCGCCAGCCAGAATTA
CAGGGTCCCCATCGACAGAGAAGGAAGCCATACTGCGGAGGCTGGTGGCCCTGCTGGAG
GAGGAGGCAGAAGTCATTAACCAGAAGCTGGCCTCGGACCCCGCCTGCGCAGCAAGCTG
GTCCGCTGTCTCCGACTCTTTCGCCCGCTGGTGGAGCTGTTCTGTAGCCGGGATGAC
AGCTCTCGCCCAAGCCGAGCATGCCCGGGCCCTCGCCTCCTCCCGGAGCCCCTGCC
CGCCTGGCCCTAGCCATGGAGCTGAGCCGGCGCTGGCCGGGCTGGGGGGCACCTGGCC
GGACTCAGCGTGGAGCAGTGCACAGCTTACGCCCTGGATCCAGGCCACGCGGGCTGG
GAGGGCATCCTGGCTGTTTCACCCGTGGACTTGAACCTGCCATTGGACTGAGCTCTTTCT
CAGAAGCTGCTACAAGATGACACCTCATGTCCCTGCCCTTTCGTGTGCTTTTCCAAGTC
TTCTATTCCACTCAGGGCTGTGGGGTGGTGGTTGCCCTACCTGTTTTTGCCAAAAATAA
ATTGTTAAAACTTTTATTAAAAACGTTACAAAGTAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC007724 unedited NAAATAGCGTCAGATTTTGTATACGACTCATATAGGGCGGCCGCGAATTCGCACGAGGCG AGTTCAGTGGAGGAGACCACAAGTTGAGTGGAGGAGGGCGCGGTGGGGCCCCGGACCAGG TGCCTCCATGGCAGGCTCTGAAGAGCTGGGGCTCCGGGAAGACACGCTGAGGGTCCCTAGC TGCCTTCTTAGGCGTGGTGAGGCTGCCGGTCTCCTGTTCCAACCTCACCTAGAAGCCC TGCCCAAGAAGAGCCAACAGACTTCCTGAGCCGCTTCGAAGATGCTTCCCTGCTCCCT GGGCGAGGAGCAGCCCCCTCTGAGTCCCCTCGGCCTTGCTCTCTGCCCATCCGCCCTG CTATGGTTTAGAGCCTGGCCCAGCTACTCCAGACTTCTATGCTTTGGTGGCCAGCGGCT GGAACAGCTGGTCCAAGAGCAGCTGAAATCTCCGCCAGCCAGATTTACAGGGTCCCCC ATCGACAGAGAAGGAAGCCATACTGCGGAGGCTGGTGGCCCTGCTGGAGGAGGAGGCAGA AGTCATTAACCAGAAGCTGGCCTCGGACCCCGCCTGCGCAGCAAGCTGGTCCGCCTGTC CTCCGACTCTTTGCCCCGCTGGTGGAGCTGTTCTGTAGCCGGGATGACAGCTCTCGCC AAGCCGAGCATGCCCCGGGCCCTCGCTCCTTCCCGGAGCCCTGGCCCGCTGGCCCT AGCCATGGAGCTGAGCCGGCGCTGGCCGGCTGGGGGGCACCTGGCCGGACTCAGCGT GGAGCACGTGCACAGCTTACGCCTGGATCCAGGCCACGGGGCTGGGAGGGCATCCT GCCTGTTTCAACCGTGGACTTGAACCTGCCATTGGACTGAGCTCTTTCTCAA
Restriction Sites:	Please inquire
ACCN:	BC007724
Insert Size:	1037 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:	<ol style="list-style-type: none"> 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:	<u>BC007724.1</u> , <u>AAH07724.1</u>
RefSeq Size:	1037 bp
Locus ID:	83596
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]