Product datasheet for SC334779

BCL2L12 (NM_001282516) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BCL2L12 (NM_001282516) 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:	>NCBI ORF sequence for NM_001282516, the custom clone sequence may differ by one or more nucleotides

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ATGGGACGGCCCGCTGGGCTGTTCCCGCCCCTATGCCCTTTTTTGGGTTTCCGGCCAGAGGCATGCTGGG
AGCGTCACATGCAAATTGAGCGTGCACCCAGCGTTCCGCCCTTTCTACGCTGGGCCGGTTATCGACCCGG
CCCAGTGCGCAGGCGCGGGAAAGTTGAACTAATAAAGTTTGTACGAGTTCAGTGGAGGAGACCGCAAGTT
GAGTGGAGGAGGCGGCGGTGGGGCCCCGGACCAGGTGCCTCCATGGCAGGCTCTGAAGAGCTGGGGCTCC
GGGAAGACACGCTGAGGGTCCTAGCTGCCTTCCTTAGGCGTGGTGAGGCTGCCGGGTCTCCTGTTCCAAC
TCCACCTAGAAGCCCTGCCCAAGAAGAGCCAACAGACTTCCTGAGCCGCCTTCGAAGATGTCTTCCCTGC
TCCCTGGGGCGAGGAGCAGCCCCCTCTGAGTCCCCTCGGCCTTGCTCTCTGCCCATCCGCCCCTGCTATG
GTTTAGAGCCTGGCCCAGCTACTCCAGACTTCTATGCTTTGGTGGCCCAGCGGCTGGAACAGCTGGTCCA
AGAGCAGCTGAAATCTCCGCCCAGCCCAGAATTACAGGGTCCCCCATCGACAGAGAAGGAAGCCATACTG
CGGAGGCTGGTGGCCCTGCTGGAGGAGGAGGCAGAAGTCATTAACCAGAAGGAGGGCATCCTGGCTGTTT
CACCCGTGGACTTGAACTTGCCATTGGACTGA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001282516
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).

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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_001282516.1, NP_001269445.1
RefSeq Size:	1620 bp
RefSeq ORF:	732 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] Transcript Variant: This variant (4) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. The encoded isoform (4) 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.