

Product datasheet for **SC128102**

BCL3 (NM_005178) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BCL3 (NM_005178) Human Untagged Clone
Tag: Tag Free
Symbol: BCL3
Synonyms: BCL4; D19S37
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_005178 edited
 ATGCCCCAATGCCCGCGGGGGCCATGGACGAGGGGCCGTGGACCTGCGCACCCGGCCCC
 AAGGCCGCGGACTCCCGGGCGCCGCGCTGCCGCTCCGCAAGCGCCCGCTGCGCGCGCCC
 TCCCCGGAGCCCGCCGCTCCCCGCGGCGCTGCGGGCCTTGTCGTCGCCCTGGACCTCTG
 CGCGGCGGCTGCGACCTGCCGGCGTCCCCGGGCCCCCCACGGCCTGGCCCGGCGGAG
 GCGCTTTACTACCCGGAGCCTTACTGCCTTTGTACCCACTCGGGCCATGGGCTCCCCG
 TTTCTCTGGTGAACCTGCCTACACCCCTATACCCCATGATGTGCCCATGGAACACCC
 CTTTCTGCTGACATCGCCATGGCCACCCGTGCAGATGAGGACGGAGACACGCCTCTCCAT
 ATTGCTGTGGTGCAGGTAACCTGCCAGCTGTGCACCGGCTGGTCAACCTCTTCCAGCAG
 GGGGCCGGGAGCTCGACATCTACAACAACCTACGGCAGACACCGCTCCACCTGGCTGTG
 ATCACCACATTACCGTCTGTGGTCCGGCTCCTGGTGCAGCTGGTGCCAGCCCCATGGCG
 CTGGACCGCCATGGCCAGACGGCCGCTCACCTGGCGTGCAGACCCGAGCCCGACCTGC
 CTGCGAGCCCTGCTGGACAGCGAGCTCCGGGCACGTTGGACCTGGAGGCCCGCAATTAT
 GACGGGCTCACCGCCCTGCACGTGGCAGTGAACACCGAGTGCCAAGAAACCGTGCAGCTC
 TTGCTAGAGCGCGGTGCCGACATCGACGAGTGGACATTAAGAGCGGCCGCTCCCCGCTC
 ATCCACGCCGTGGAACAACAGCCTTAGCATGGTGCAGCTGCTGCTGCAGCAGCGGCC
 AACGTGAACGCGCAAATGTACTCCGGCAGCTCCGCCCTGCACTCAGCGTCCGGCCGCGG
 CTCCTCCCGCTGGTGCACAGCTGGTCCGACGCGGCGCTGACAGCAGCCTCAAGAACTGC
 CACAACGACAGCCGCTCATGGTGGCGCGCAGCCGAGGGTTCATCGACATCCTGAGGGGG
 AAGGCCACCCGGCTGCTTCCACCTCCAGCCAGACCCCTCCCCGAGCCGAGCGCCAAC
 ACCTCCCCGAGAGCAGCAGCCGCTCAGCTCCAATGGTCTTCTCCTCCGATCACCATCC
 TCCTCACCTCCAGTCTCCCCCAGGGACCCCTGGATTCCCCATGGCTCCTCCCAAT
 TTCTTCTTCTTCCCCATCTCCACCCGCTTCTGCCCCCTTGGTGGGGTCTCCGAGGC
 CCTGGCCGCGGTGCCCCCTCCCGAGCTCCAGGAGGCAGCTGA



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_005178 unedited</p> <pre>TTTGTAAATACGACTCACTATAGGGCGGCACGCGAATTCGCACCAGGCCGGCACCGCCCCG GCCGACAAAAGTCCCTTCATTTTCATCCGGCTGCAGGGGAAGTCCCAGGCGCCCGGGCAAAC CACCTCCCGTGCAGCCGAGCCCATCCGCTCTCCGGCCGCGTCCCAGGCGGGCCCATGC CCCAATGCCCCGCGGGGCCATGGACGATGGGCCCGTGGACCTGCGCACCCGGCCCAAGG CCGCGGGACTCCCAGGCGCCGCTGCCGCTCCGCAAGCGCCGCTGCGCGCGCCCTCCC CGGAGCCCGCGCTCCCAGGCGGCTGCGGGCCCTTGTCGTCCCCCTGGACCCTCTGCGCG GCGGCTGCGACCTGCCGCGGTCCCAGGCCCCCAGGCTGCGCCGCGCGGAGGCGC TTTACTACCCCGAGCCTTACTGCCTTTGTACCCCACTCGGGCCATGGGCTCCCCGTTTC CTCTGGTGAACCTGCCTACACCCCTATACCCCATGATGTGCCCATGGAACACCCCTTT CTGCTGACATCGCCATGGCCACCCGTGCAGATGATGACGGAGACACGCCTCTCCATATTG CTGTGGTGCATGGTAACCTGCCAGCTGTGCACCGGCTGGTCAACCTCCTTCAGCATGGAG GGCCCGGAGCTGCACATCTACAACAACCTACAGCAGACACCGCTNCACCTGGCTGTGAT CACCACATTACCGTCTGTAGTCCAGCTCCTGGTGACAGCTGGTGCAGCCCCATGGCGCT AGACCGNATGCCAGATCGGCGCTCACCTGGCGTGCATCACCAGCATCCCGACCTGCCCT GCGAGCCCTGCTGGAAGCGCATCTCAGGACGTTGGACCTGGAGCCNGCATTATGAGGNC TACGNCCTGCAGTGCATGACACCGATGCCATAATCGGCACTGCTAATCCGTGCGAC TCNACCATGGCATTAGACGGNCGTCCGTCATCAGCGGGAACANCTANATGGGACTGTG TGANAGGGCCACG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' genomic read for NM_005178 unedited</p> <pre>TTTTTTTTTTTTTTTATGGTACAAAATAGTTTATTACAAAANAATCCAACAAAATGCT TAATAATTTACATCGTGATCCGTGCCCGTTACGGCCACCTCTCCCTCCTCAGTTATCT GGTAGAGAGTGGAGGGGAGTGGCTGTTCCCTGGGTCCACCAGCTCTGGGAGGGGACATGG AAATGGAAGATGTGGGTGGCATTCCGGACAGGGACTGGTGCCTGAGAATGCTGGGGTCA AGTCTGGGAGGGAGCGAGATGGGGGAACATCTGTGCTACAAGAGGGGGTGTATGGGTA GGTGCATGTGCTTCTGTGCAAATCCTGGTCC</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_005178
Insert Size:	2000 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).
OTI Annotation:	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.
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:	NM_005178.2 , NP_005169.1
RefSeq Size:	1813 bp
RefSeq ORF:	1341 bp
Locus ID:	602
UniProt ID:	P20749
Cytogenetics:	19q13.32
Domains:	ANK
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>This gene is a proto-oncogene candidate. It is identified by its translocation into the immunoglobulin alpha-locus in some cases of B-cell leukemia. The protein encoded by this gene contains seven ankyrin repeats, which are most closely related to those found in I kappa B proteins. This protein functions as a transcriptional co-activator that activates through its association with NF-kappa B homodimers. The expression of this gene can be induced by NF-kappa B, which forms a part of the autoregulatory loop that controls the nuclear residence of p50 NF-kappa B. [provided by RefSeq, Jul 2008]</p>