

Product datasheet for **SC317743**

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317743 representing NM_005178. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCCGATGCCCGCGGGGGCCATGGACGAGGGGCCGTGGACCTGCGCACCCGGCCCAAGGCCGCC
GGACTCCCGGGCGCCGCTGCCGCTCCGCAAGCGCCGCTGCGCGGCCCTCCCGGAGCCCGCCGCT
CCCGCGGGCGCTGCGGGCCTTGTCTGCCCTGGACCCTGCGCGGGCGCTGCGACCTGCCGGCGGTC
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CCCCTCGGGCCATGGGCTCCCGTTTCTCTGGTGAACCTGCCTACACCCTATACCCCATGATGTGC
CCCATGGAACACCCCTTCTGCTGACATCGCCATGGCCACCCGTGCAGATGAGGACGGAGACACGCT
CTCCATATTGCTGTGGTGCAGGGTAACCTGCCAGCTGTGCACCGCTGGTCAACCTTCCAGCAGGGG
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CCGTCTGTGGTCCGGCTCCTGGTACAGCTGGTGCAGCCCCATGGCGCTGGACGCCATGGCCAGACG
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GCCAACGTGAACGCGCAAATGTACTCCGGCAGCTCCGCCCTGCACTCAGCGTCCGGCCGGGCTCCTC
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CTCATGGTGGCGCGCAGCCGAGGGTATCGACATCCTGAGGGGAAGGCCACCCGGCCTGCTTCCACC
TCCCAGCCAGACCCCTCCCTGACCGGAGCGCCAAACCTCCCCGAGAGCAGCAGCCGCTCAGCTCC
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CCCATGGCTCCTCCAAATTTCTTCTTCTTCCCCATCTCACCCGCTTCTGCCCTTGTGGGGTC
CTCCGAGGCCCTGGCCGGCGGTGCCCCCTCCAGCTCCAGGAGGCAGCTGA
ACGGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_005178
Insert Size:	1365 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_005178.4
RefSeq Size:	1864 bp
RefSeq ORF:	1365 bp
Locus ID:	602
UniProt ID:	P20749
Cytogenetics:	19q13.32
Domains:	ANK
Protein Families:	Druggable Genome, Transcription Factors
MW:	47.6 kDa
Gene Summary:	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]