

Product datasheet for **RG209116**

BCL3 (NM_005178) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BCL3 (NM_005178) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BCL3
Synonyms:	BCL4; D19S37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG209116 representing NM_005178
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACGAGGGGCCCGTGGACCTGCGCACCCGGCCAAAGGCCCGGACTCCCGGGCCCGCGCTGCCGC
 TCCGCAAGCGCCCGCTGCGCGCGCCCTCCCGGAGCCCGCGCTCCCGGGCGCTGCGGGCCTTGTCGT
 CCCCTGGACCTCTGCGCGCGGCTGCGACCTGCCGGCGGTCCCGGGCCCCCACGGCTGGCCCGG
 CCGGAGGCGCTTTACTACCCCGAGCCTTACTGCCTTTGTACCCACTCGGGCCATGGGCTCCCCGTTTC
 CTCTGGTGAACCTGCCTACACCCCTATACCCATGATGTGCCCATGGAACACCCCTTTCTGCTGACAT
 CGCCATGGCCACCCGTGCAGATGAGGACGGAGACACGCCCTCCATATTGCTGTGGTGCAGGTAACCTG
 CCAGCTGTGCACCGGCTGGTCAACCTCTCCAGCAGGGGGCCGGGAGCTCGACATCTACAACAACCTAC
 GGCAGACACCGCTCCACCTGGCTGTGATCACCACATTACCGTCTGTGGTCCGGCTCCTGGTACAGCTGG
 TGCCAGCCCCATGGCGCTGGACCGCCATGGCCAGACGGCCGCTCACCTGGCGTGCAGACACCGCAGCCCG
 ACCTGCCTGCGAGCCCTGCTGGACAGCGAGCTCCGGGACGTTGGACCTGGAGGCCCGCAATTATGACG
 GGCTACCGCCCTGCACGTGGCAGTGAACACCGAGTGCCAAGAAACCGTGCAGCTCTTGCTAGAGCGCGG
 TGCCGACATCGACGAGTGGACATTAAGAGCGGCCGCTCCCGCTCATCCACGCCGTGAAAAACAACAGC
 CTTAGCATGGTGCAGTCTGCTGCAGCACGGCCCAACGTGAACCGCAAAATGTACTCCGGCAGCTCCG
 CCCTGCACTCAGCGTCCGGCCCGGGCTCCTCCCGCTGGTGCACGCTGGTCCGAGCGGGCTGACAG
 CAGCCTCAAGAACTGCCACAACGACACGCCGCTCATGGTGGCGCGAGCCGAGGGTATCGACATCCTG
 AGGGGAAAGGCCACCCGGCTGCTTCCACCTCCAGCCAGACCCCTCCCTGACCGGAGCGCCAAACACT
 CCCCCGAGAGCAGCAGCCGCTCAGCTCCAATGGTCTTCTCCGATCACCATCCTCACCCTCCCA
 GTCTCCCCCAGGACCCCTGGATTCCCATGGCTCCTCCCAATTTCTTCTTCTTCCCATCTCCA
 CCCGCTTCTGCCCCCTTGGGGTCTCCGAGGCCCTGGCCGGCCGGTCCCCCTCCCAGCTCCAG
 GAGGCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG209116 representing NM_005178
 Red=Cloning site Green=Tags(s)

MDEGPVDLRTRPKAAGLPGAALPLRKRPLRAPSPEPAAPRGAAGLVVPLDPLRGGCDLPAVPGPPHGLAR
 PEALYYPGALLPLYPTRAMGSPFPLVNLPTPLYPMMCPMEHPLSADIAMATRADEDGDTPLHIAVVQGNL
 PAVHRLVNLFQQGGRELDIYNNLRQTPLHLAVITTLPSVVRLLVTAGASPMALDRHGQTAHLACEHRSP
 TCLRALLDSPAAGTLDLEARNYDGLTALHVAVNTECQETVQLLLERGADIDAVIDIKSGRSPLIHAVENNS
 LSMVQLLLQHGANVNAQMYSGSSALHSASGRLLPLVRTLVRSGADSSLKNCHNDTPLMVARSRVIDIL
 RGKATRPASTSQPDPSPDRSANTSPESSRLSSNGLLSASPSSPSQSPPRDPPGPFMAPPNFFLPSPP
 PAFLPFAGVLRGPRPVPPSPAPGGS

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_005178

ORF Size: 1338 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_005178.3](#), [NP_005169.1](#)

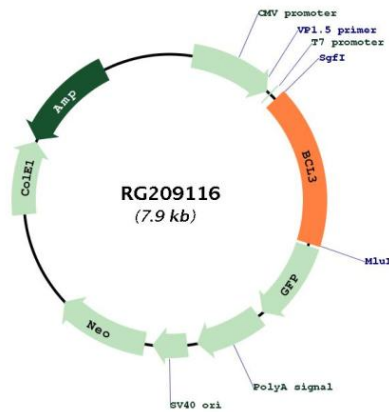
RefSeq Size: 1879 bp

RefSeq ORF: 1365 bp

Locus ID: 602

UniProt ID:	P20749
Cytogenetics:	19q13.32
Domains:	ANK
Protein Families:	Druggable Genome, Transcription Factors
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]

Product images:



Circular map for RG209116