

Product datasheet for **SC303468**

BCL9 (NM_004326) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BCL9 (NM_004326) Human Untagged Clone
Tag: Tag Free
Symbol: BCL9
Synonyms: LGS
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004326 edited
 CTGTTTCTGCTGCAACCCGAGAGGAACTCGGTGAGCCTGTCCCGTTTGTGACTGCAAGCT
 CAGGATTTCAATCAATGCATTCCAGTAACCCCTAAAGTGAGGAGCTCTCCATCAGGAAACA
 CACAGAGTAGCCCTAAGTCAAAGCAGGAGGTGATGGTCCGTCCCCCTACAGTGATGTCCC
 CATCTGGAACCCCCAGCTGGATTCCAAATTCTCCAATCAGGGTAAACAGGGGGCTCAG
 CCAGCCAATCCCAGCCATCCCCCTGTGACTCCAAGAGTGGGGGCCATACCCCTAAAGCAC
 TCCCTGGCCAGGTGGGAGCATGGGGCTGAAGAATGGGGCTGGAATGGTGCCAAGGGCA
 AGGGGAAAAGGGAGCGAAGTATTTCCGCCGACTCCTTTGATCAGAGAGATCCTGGGACTC
 CAAACGATGACTCTGACATTAAGAATGTAATTCTGCTGACCACATAAAGTCCCAGGATT
 CCCAGCACACCCACTCGATGACCCCATCAAATGCTACAGCCCCCAGGTCTTCTACCC
 CCTCCCATGGCCAACTACTGCCACAGAGCCCACACCTGCTCAGAAGACTCCAGCCAAAG
 TGGTGTACGTGTTTTCTACTGAGATGGCCAATAAAGCTGCAGAAGCTGTTTTGAAGGGCC
 AGGTTGAAACTATCGTCTCTTTCCACATCCAGAACATTTCTAACAACAAGACAGAGAGAA
 GCACAGCGCCTCTGAACACACAGATATCTGCCCTTCGGAATGATCCGAAACCTCTCCCAC
 AACAGCCCCCAGCTCCGGCCAACCAGGACCAGAAATTTCTCCAGAATACCAGACTGCAGC
 CAACTCCACCCATTCCGGCACCAGCACCCAAGCCTGCCGACCCCCACGTCCCCTGGACC
 GGGAGAGTCTGGGGTAGAAAACAACTGATTCTTCTGTAGGAAGTCTGCCAGCTCCA
 CTCCACTGCCCCAGATGGTACTGGGCCAACTCAACTCCCAACAATAGGGCAGTGACCC
 CTGTCTCCAGGGGAGCAATAGCTCTTTCAGCAGATCCCAAAGCCCCTCCGCTCCACCAG
 TGTCCAGTGGCGAGCCCCCACACTGGGAGAGAATCCCGATGGCCTATCTCAGGAGCAGC
 TGGAGCACCGGGAGCGCTCCTTACAAACTCTCAGAGATATCCAGCGCATGCTTTTTCTG
 ATGAGAAAGAATTCACAGGAGCACAAAAGTGGGGACCGCAGCAGAATCCTGGGGTATTAG
 ATGGGCCCTCAGAAAAACCAGAAGGGCCAATACAGGCCATGATGGCCCAATCCCAAAGCC
 TAGGTAAGGGACCTGGGCCCCGGACAGACGTGGGAGCTCCATTTGGCCCTCAAGGACATA
 GAGATGTACCCTTTTCTCCAGATGAAATGGTTCCACCTTCTATGAACTCCCAGTCTGGGA
 CCATAGGACCCGACCACCTTGACCATATGACTCCCAGCAGATAGCGTGGCTGAAACTGC
 AGCAGGAGTTTTATGAAGAGAAGAGGAGGAAGCAGGAACAAGTGGTTGTCCAGCAGTGT



[View online »](#)

CCCTCCAGGACATGATGGTCCATCAGCACGGGCTCGGGGAGTGGTCCGAGGACCCCC
CTCCATACCAGATGACCCTAGTGAAGGCTGGGCACCTGGGGGTACAGAGCCATTTTCTG
ATGGTATCAACATGCCACATTCTCTGCCCCGAGGGGCATGGCTCCCCACCCCAACATGC
CAGGGAGCCAGATGCGCCTCCCTGGATTGCGAGGCATGATAAACTCTGAAATGGAAGGC
CGAATGTCCCAACCCTGCATCTAGACCAGGTCTTTCTGGAGTCAGTTGGCCAGATGATG
TGCCAAAAATCCAGATGGTCGAAATTTTCTCCTGGCCAGGGCATTTCAGCGGTCTG
GCCGAGGGGAACGCTTCCCAAACCCCAAGGATTGTCTGAAGAGATGTTTCAGCAGCAGC
TGGCAGAGAAACAGCTGGGTCTCCCCCAGGGATGGCCATGGAAGGCATCAGGCCAGCA
TGGAGATGAACAGGATGATTCCAGGCTCCAGCGCCACATGGAGCCTGGGAATAACCCCA
TTTTCCCTCGAATACCAGTTGAGGGCCCTCTGAGTCCTTCTAGGGGTGACTTTCCAAAAG
GAATTCACCCACAGATGGGCCCTGGTCGGGAACCTGAGTTTGGGATGGTTCCTAGTGGGA
TGAAGGGAGATGCAATCTAAATGTCAACATGGGATCCAACCTCTCAGATGATACCTCAGA
AGATGAGAGAGGCTGGGGCGGCCCTGAGGAGATGCTGAAATTACGCCCAGGTGGCTCAG
ACATGCTGCCTGCTCAGCAGAAGATGGTGCCACTGCCATTTGGTGAGACCCCCAGCAGG
AGTATGGCATGGGCCCCAGACCATTCTTCCCATGTCTCAGGGTCCAGGCAGCAACAGTG
GCTTGGCGAATCTCAGAGAACCAATTGGGCCCGACCAGAGGACTAACAGCCGGCTCAGTC
ATATGCCACCACTACCTCTCAACCCTTCCAGTAACCCACCCAGCCTCAACACAGCTCCTC
CAGTTCAGCGCGGCTGGGGCGGAAGCCCTTGGATATATCTGTGGCAGGCAGCCAGGTGC
ATTCACCCAGGCATTAACCCTCTGAAGTCTCCCACGATGCACCAAGTCCAGTCACCAATGC
TGGGCTCGCCCTCGGGAACTCAAGTCCCCCAGACTCCATCGCAGCTGGCAGGCATGC
TGGCGGGCCAGCTGCTGCTGCTCCATTAAGTCCCCCTGTTTTGGGGTCTGCTGCTG
CTTCACTGTCCACCTCAAGTCTCCATCACTTCTGCCCCGTCACTGGATGGACCTCTT
CTCCAAAACCTCCCCTCAGAGTCTGGGATCCCTCCAAACCAATAAGCACCCCTCACCA
TGGCCTCCCAGCCATGCTGGGAAATGTAGAGTCAGGTGGCCCCCACCTCTACAGCCA
GCCAGCCTGCCTCTGTGAATATCCCTGGAAGTCTTCCCTCTAGTACACCTTATACCATGC
CTCCAGAGCCAACCTTTCCAGAACCCACTCTCTATTATGATGTCTCGAATGTCCAAGT
TTGCAATGCCAGTTCACCCCGTTATACCATGATGCTATCAAGACTGTGGCCAGCTCAG
ATGACGACTCCCCTCCAGCTCGTCTCCCAACTGCCATCAATGAATAATATGCCAGGAA
TGGGCATTAATACACAGAATCCTCGAATTTAGGTCCAAACCCCGTGGTTCGGATGCCAA
CCCTCAGCCCAATGGGAATGACCAGCCACTTTTCACTCCAATCAGATGCCCTCTCCAA
ATGCCGTGGGACCAACATACCTCCTCATGGGGTCCCAATGGGGCCTGGCTTGATGTCAC
ACAATCCTATCATGGGGCATGGGTCCCAGGAGCCACCGATGGTACCTCAAGGACGGATGG
GCTTCCCCAGGGCTTCCCTCCAGTACAGTCTCCCCACAGCAGGTTCCATTCCCTCACA
ATGGCCCCAGTGGGGGGCAGGGCAGCTTCCCAGGAGGGATGGGTTTTCCAGGAGAAGGCC
CCCTTGGCCGCCCCAGCAACCTGCCCAAAGTTCAAGCAGATGCAGCACTTTGCAAGCCTG
GAGGCCCCGGGGTCTGACTCCTTCACTGTCTGGGGAACAGCATGCCTTCGGTGTTTA
CAGACCCAGATCTGCAGGAGGTATCCGACCTGGAGCCACCGAATACCTGAGTTGATC
TATCCCGCATTATTCCATCTGAGAAGCCAGCCAGACGCTGCAATATTTCCCTCGAGGGG
AAGTTCCAGGCCGTAACACAGCCCAAGGTCCTGGACCTGGGTTTTACACATGCAGGGGA
TGATGGGCGAACAAGCCCCAGAATGGGACTAGCATTACCTGGCATGGGAGGTCCAGGGC
CAGTGGGAACCTCCGACATCCCTCTTGGTACAGTCCATCCATGCCAGGCCACAACCCCA
TGAGACCACCAGCCTTTCTCAAACAAGGCATGATGGGACCTACCATCGGATGATGTCAC
CAGCACAATCTACAATGCCCGGCCAGCCACCCTGATGAGCAATCCAGCTGCTGCCGTGG
GCATGATTCTGGCAAGGATCGGGGGCCTGCCGGGCTCTACACCCACCCTGGGCCTGTGG
GCTCTCCAGGCATGATGATGTCCATGCAGGGCATGATGGGACCCCAACAGAACATCATGA
TCCCCCAGAGATGAGGCCCGGGGCATGGCTGCTGACGTGGGCATGGGTGGATTTAGCC
AAGGACCTGGCAACCCAGGAAACATGATGTTTTAAGCTGCTAAGATGGGATGTGCCGATC
CTTGTCAAAATGAGATTCAGGTCTGAGAGCTGCTTTGAGGGAGTTCAGGAGTACTTA
CTATTGGTCATGCAATAGGAGAACAGAGACCCGAGGGCTGCTTTGGGGGAGGGGGAACT
CGAGAATGATGGATTTACCTGAAAACAAATTATTCATTTAATCAACAGGTGTGTTTTT
TTAAGATTTATTTTTAAAAATTATTTTTGTGGACTTGGGTATCAATGATGGCACCTACT
TTTGGGAATCTGTAGCTGTGCTTTGAGAATTGCCATCGGTATGTGTTGCACCGTTCTCT

```

GTATGTTTACGTCTTTGGACTGGCTTCTCCAGGATTCTTTTCTGTTTTGTTTTTTG
ATTTGGGCTTTATTTTTTCTGTGTACTGTACTATATTGTAAGGGATTTTAGCAGAGA
CTTTAGTCTTTGGGGCAAGAGGAGAACAGGAATGCTGGGCTGTTTACTTTAGGTGGAGAA
TCCATCTTCAGACCTTTGGACTATTTTCTTTCAACTGCAGTGTATAGAAAAACCAAATA
CGACCTCAGAGCAGAGTATTAATGAAAAGCACAAAAAAGGAATAAGTTCAGCGAGGGG
TGGGGGGAGGGGGGAGATTTTTCTTTTGAAAAATAATGACTCTTAGGACATTTGTTTTTC
AGTTCAAGTGCTCTTCAGCACTGTCTTGCTCCCAATATACCAACCCACTGGCACATTTT
TCTCTGTTTTCTCTCCGATTTTGCTCTGTCTCCTCAGTTAAGTGTTTCCTTCCTTTG
TGCCCCCGCTGGTGACCCTCTGCTTCCCTCTCTTTCCCTTTGGCAGCTGCAATACAC
AGTGTTATTCTGGGAAATAAATCTAGCAAAGCCTCGCCTTCCATGCCGAGCGTCTCTT
GGCTCTGAGAGGAAAGGTCTGCTCTGGGATGCTCTCTGGTCTTTTTTCCCCTAAGTC
TTTCTCTTTCCCATACACCTTCCCTGCCACCTTGTCTGTCTCCTTTTATTAGG
AATCCCAAGTGAATTTTAAATGTTGGAGTGAACAGATGCTAAAAGCTATCCAGGAT
TTTGTCTGTGTTTTAAATTTGTGGTTCCCTTCCCTTCCCTCCCCTCCCATGCGTA
AGACGTTCTGTGTAACCTCCATTAATTTGGTACAAAACCACTGCCAGAGCTGTGGTGT
CAGAAAAATAAATATATTGTTTCTTAAAAAAAAAAAAAAAAAAAAA

```

Restriction Sites: Please inquire

ACCN: NM_004326

Insert Size: 5600 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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: The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.

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.

RefSeq: [NM_004326.2](#), [NP_004317.2](#)

RefSeq Size: 6278 bp

RefSeq ORF: 4281 bp

Locus ID: 607

UniProt ID: [Q00512](#)

Cytogenetics: 1q21.2

Protein Families: Druggable Genome

Gene Summary: BCL9 is associated with B-cell acute lymphoblastic leukemia. It may be a target of translocation in B-cell malignancies with abnormalities of 1q21. Its function is unknown. The overexpression of BCL9 may be of pathogenic significance in B-cell malignancies. [provided by RefSeq, Jul 2008]