

## Product datasheet for **SC326146**

### **bcl 6 (BCL6) (NM\_001134738) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	bcl 6 (BCL6) (NM_001134738) Human Untagged Clone
Tag:	Tag Free
Symbol:	BCL6
Synonyms:	BCL5; BCL6A; LAZ3; ZBTB27; ZNF51
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

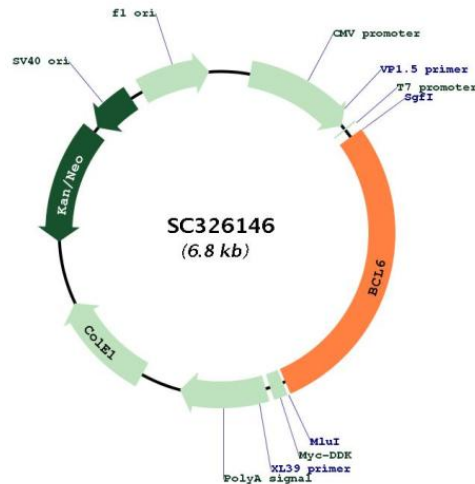


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Fully Sequenced ORF: >SC326146 representing NM\_001134738.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCTCGCCGGCTGACAGCTGTATCCAGTTCACCCGCCATGCCAGTGATGTTCTTCTCAACCTTAAT
CGTCTCCGGAGTCGAGACATCTTGACTGATGTTGTCTATTGTTGTGAGCCGTGAGCAGTTAGAGCCCAT
AAAACGGTCCTCATGGCCTGCAGTGGCCTGTTCTATAGCATCTTTACAGACCAGTTGAAATGCAACCTT
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CAGCATGCAGAGATGTGCTCCACACCGCTGGCCCCAGTTCCTGAGGAGATGGGAGAGACCCAGTCT
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CCAGCCAACCTGAAAACCCACACTCGAATTCACCTGAGAGAGAAGCCCTACAAATGCCAAACCTGCGGA
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GAGAAACCTTACCATTGTGAGAAGTGAACCTGCATTTCCGTACAAAAGCCAGCTGCGACTTCACTTG
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GAGTCCCAAGCCTGCTGA
ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_001134738

**Insert Size:** 1953 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:**

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\\_001134738.1](#)

**RefSeq Size:** 3086 bp

**RefSeq ORF:** 1953 bp

**Locus ID:** 604

**UniProt ID:** [P41182](#)

**Cytogenetics:** 3q27.3

**Protein Families:** Druggable Genome, Transcription Factors

**MW:** 72.4 kDa

**Gene Summary:** The protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal POZ domain. This protein acts as a sequence-specific repressor of transcription, and has been shown to modulate the transcription of STAT-dependent IL-4 responses of B cells. This protein can interact with a variety of POZ-containing proteins that function as transcription corepressors. This gene is found to be frequently translocated and hypermutated in diffuse large-cell lymphoma (DLCL), and may be involved in the pathogenesis of DLCL. Alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq, Aug 2015]  
Transcript Variant: This variant (3) lacks a coding exon, as compared to variant 1. The reading frame is not affected and the resulting isoform (2) lacks an internal segment, as compared to isoform 2.