

## Product datasheet for **RG209295**

### **BCL6B (NM\_181844) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BCL6B (NM_181844) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BCL6B
Synonyms:	BAZF; ZBTB28; ZNF62
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG209295 representing NM\_181844  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGTTCCCCCGCCGCCCGGAGGGAGCGCTGGGCTACGTCCGCGAGTTCACTCGCCACTCTCCGACG  
 TGCTGGGCAACCTCAACGAGCTGCGCCTGCGCGGATCCTCACTGACGTACGCTGCTGGTTGGCGGGCA  
 ACCCCTCAGAGCACACAAGGCAGTTCTCATCGCCTGCAGTGGCTTCTTCTATTCAATTTCCGGGGCGT  
 GCGGGAGTCGGGGTGGACGTGCTCTCTCTGCCCGGGGTCGCGAAGCGAGAGGCTTCGCCCTCTATTGG  
 ACTTCATGTACACTTCGCGCCTGCGCCTCTCTCCAGCCACTGCACCAGCAGTCTAGCGGCCGCCACCTA  
 TTTGCAGATGGAGCAGTGGTCCAGGCATGCCACCCTTCCATCCAGGCCAGCTATGAACCTCTGGGCATC  
 TCCCTGCGCCCTGGAAGCAGAACCCCAACACCCCAACCGGCCCTCCACCAGGTAGTCCAGGGCGCT  
 CCGAAGGACACCCAGACCACCTACTGAATCTCGAAGTCGAGTCAAGGCCCGCCAGTCCAGCCAGCCC  
 TGACCCCAAGGCCTGCAACTGGAAGAAAGTACAAGTACATCGTGTAAACTCTCAGGCCTCCCAAGCAGGG  
 AGCCTGGTCGGGAGAGAAGTTCTGGTCAACCTTGCCCAAGCCAGGCTCCCCAGTGGAGACGAGGCCT  
 CCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGTGAAGAAGGACCCATTCTGGTCCCCAGAGCAGGCT  
 CTCTCAAAGTGTGCCACTGTGCAGTTCAAATGTGGGGCTCCAGCCAGTACCCCTACCTCCTCACATCC  
 CAGGCTCAAGACACCTCTGGATCACCTCTGAACGGGCTCGTCCACTACCGGGAAGTGAATTTTTCAGT  
 GCCAGAAGTCTGAGGCTGTGGCAGGGTGTCTATCGGGGCTGGACTCCTTGGTTCTGGGGACGAAGACAA  
 ACCCTATAAGTGTAGCTGTGCCGTCTTCGTTCCGCTACAAGGGCAACCTTGCCAGTACCCTACAGTG  
 CACACAGGGGAAAAGCCTTACCCTGCTCAATCTGCGGAGCCGTTTTAACCGCCAGCAAACCTGAAAA  
 CGCACATCTGCGGGCGCACGTGCTGATCCACACCGGGGAGAAGCCCTACCCTTGCCCTACCTGCGGAACC  
 CGTTCGCCACCTGCAGACCCTCAAGGCCACGTTTCGATCCACACCGGAGAGAAGCCTTACCCTGCG  
 ACCCTGTGGCTGCATTTCCGGCACAAGAGTCAACTGCGGCTGCATCTGCGCCAGAAACACGGAGCTGC  
 TACCAACACCAAAGTGCCTACCACATTCTCGGGGGGCC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG209295 representing NM\_181844  
 Red=Cloning site Green=Tags(s)

MGSPAPEGALGYVREFTRHSSDVLGNLNLRLRGILTDVTLVGGQPLRAHKAVLIACSGFFYSIFRGR  
 AGVGVLDVLSLPGGPEARGFAPLLDFMYTSRLRLSPATAPAVLAAATYLQMEHVQACHRFIQASYEPLGI  
 SLRPLEAEPPTPTAPPPGSPRRSEGHDPPTESRSCSQGPPSPASDPKACNWKYKYIVLNSQASQAG  
 SLVGERSSGQPCPQARLPSGDEASSSSSSSSSSEEGPIPGPQSRLSPTAATVQFKCGAPASTPYLLTS  
 QAQDTSGSPSERARPLPGSEFFSCQNSEAVAGCSSGLDSLVPGDEDKPYKCQLCRSSFYKGNLASHRTV  
 HTGEKPYHCSICGARFNRPANLKTSHRIHSGEKPYKCETCGSRFVQVAHLRAHVL IHTGEKPYPCPTCGT  
 RFRHLQLKSHVRIHTGEKPYHCDPCGLHFRHKSQRLRLHLRQKHGAATNTKVHYHILGGP

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_181844

**ORF Size:** 1440 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.

**RefSeq:** [NM\\_181844.2](#), [NP\\_862827.1](#)

**RefSeq Size:** 3596 bp

**RefSeq ORF:** 1440 bp

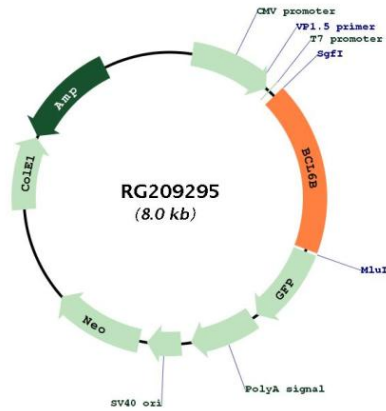
**Locus ID:** 255877

**UniProt ID:** [Q8N143](#)

**Cytogenetics:** 17p13.1

**Gene Summary:** Acts as a sequence-specific transcriptional repressor in association with BCL6. May function in a narrow stage or be related to some events in the early B-cell development. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG209295