

## Product datasheet for **SC107345**

### **BCL6B (NM\_181844) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BCL6B (NM_181844) Human Untagged Clone
Tag:	Tag Free
Symbol:	BCL6B
Synonyms:	BAZF; ZBTB28; ZNF62
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL6</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC107345 sequence for NM\_181844 edited (data generated by NextGen Sequencing)

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ATGGGTTCCCCCGCCCGCCCGGAGGGAGCGCTGGGCTACGTCCGCGAGTTCACTCGCCAC
TCCTCCGACGTGCTGGGCAACCTCAACGAGCTGCGCCTGCGCGGGATCCTCACTGACGTC
ACGCTGCTGGTTGGCGGGCAACCCCTCAGAGCACACAAGGCAGTTCTCATCGCCTGCAGT
GGCTTCTTCTAATTTTCCGGGGCCGTGCGGGAGTCGGGGTGGACGTGCTCTCTCTG
CCCGGGGTCCCGAAGCGAGAGGCTTCGCCCTCTATTGGACTTCATGTACACTTCGCGC
CTGCGCCTCTCTCCAGCCACTGCACCAGCAGTCCTAGCGGCCGCCACCTATTTGCAGATG
GAGCACGTGGTCCAGGCATGCCACCGCTTCATCCAGGCCAGCTATGAACCTCTGGGCATC
TCCCTGCGCCCCCTGGAAGCAGAACCCCAACCCCCAACGGCCCTCCACCAGGTAGT
CCCAGGCGCTCCGAAGGACACCCAGACCCACTACTGAATCTCGAAGCTGCAGTCAAGGC
CCCCCAGTCCAGCCAGCCCTGACCCCAAGGCCTGCAACTGGAAGAAAGTACAAGTACATC
GTGCTAAACTCTCAGGCCTCCAAGCAGGGAGCCTGGTCGGGGAGAGAAGTTCTGGTCAA
CCTTGCCCCAAGCCAGGCTCCCAGTGGAGACGAGGCCCTCCAGCAGCAGCAGCAGCAGC
AGCAGCAGCAGCAGTGAAGAAGGACCCATTCTGGTCCCAGAGCAGGCTCTCTCCAAC
GCTGCCACTGTGAGTTCAAATGTGGGGTCCAGCCAGTACCCCTACCTCCTCACATCC
CAGGCTCAAGACACCTCTGGATCACCTCTGAACGGGCTCGTCCACTACCGGGAAGTGAA
TTTTTCAGCTGCCAGAAGTGTGAGGCTGTGGCAGGGTGCTCATCGGGGCTGGACTCCTTG
GTTCTGGGGACGAAGACAAACCCTATAAGTGTGAGTGTGCCGGTCTTCGTTCCGCTAC
AAGGGCAACCTTGCCAGTACCCTGACAGTGCACACAGGGGAAAAGCCTTACCAGTCTCA
ATCTGCGGAGCCCGTTTTAACCGCCAGCAAACCTGAAAACGCACAGCCGCATCCATTG
GGAGAGAAGCCGTATAAGTGTGAGACGTGCGGCTCGCGCTTTGTACAGGTGGCACATCTG
CGGGCGCACGTGCTGATCCACACCGGGGAGAAGCCCTACCCTTGCCTACCTGCGGAACC
CGCTTCCGCCACCTGCAGACCCTCAAGAGCCACGTTTCGATCCACACCGGAGAGAAGCCT
TACCACTGCGACCCTGTGGCCTGCATTTCCGGCACAAGAGTCAACTGCGGCTGCATCTG
CGCCAGAAACACGGAGCTGTACCAACACCAAAGTGAAGTCAACTGCGGCTGCATCTG
TAG
    
```

Clone variation with respect to NM\_181844.3

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_181844 unedited
GCACGAGGAAGAAGAGAAGCCGCGGCCCTGCAGGACGGGGGCTGTGTCGCTATGGGTT
CCCCCGCCCGCCCGGAGGGAGCGCTGGGCTACGTCCGCGAGTTCACTCGCCACTCCTCCG
ACGTGCTGGGCAACCTCAACGAGCTGCGCCTGCGCGGGATCCTCACTGACGTACAGCTGC
TGGTTGGCGGGCAACCCCTCAGAGCACACAAGGCAGTTCTCATCGCCTGCAGTGGCTTCT
TCTAATTTTCCGGGGCCGTGCGGGAGTCGGGGTGGACGTGCTCTCTGCCCCGGG
GTCCCGAAGCGAGAGGCTTCGCCCTCTATTGGACTTCATGTACACTTCGCGCCTGCGCC
TCTCTCCAGCCACTGCACCAGCAGTCCTAGCGGCCGCCACCTATTTGCAGATGGAGCAGG
TGGTCCAGGCATGCCACCGCTTCATCCAGGCCAGCTATGAACCTCTGGGCATCTCCCTGC
GCCCCCTGGAAGCAGAACCCCAACACCCNCAACGGCCCTCCACCAGGTAGTCCCAGGC
GCTCCGAAGGACACCCAGACCCACTACTGAATCTCGAAGCTGCAGTCAAGGCCCCCA
GTCCAGCCAGCCCTGACCCAG
    
```

<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_181844 unedited GGCACTACTATGTACCCGGCCGCTTTCTANGATCGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTAGCACAGAAGGCTTCTTTATTCCAAGGATCTGATGTTGCAAGATCTAACATTTCTACC CCCAGGCATTCTCCACCTGCCATCCAATCTGCTAAATAGAAATCATGATTCCTTCTTAT AGACTCCTCCGCCTTCCCTTCTTCTTTAATTCTGCAGTGGGGCCATGGGGAGAAAG AGGGAAGAGGGAGAAGAGTAGCTTTCTCACTAGTCCCCAGGCGACAGCCACTAGAAGTGA CTTATTGTTGAAGTTCTACCCCAAAATTCAAAAGTGCTTCTTACTTTCTACCCTCGTCC CATAATCAGATAAGCCCCAGGGCAACAAGGGCAGAACTATCAATCAAGGCTTCAGCGCT TCTTCTAACATTTCAGAGACTCCACCCAGCCAAGAGGCAACCCTGTTCTCACTTTCTAC CTACCTGGCCTACACCAGAACTGCACCCCTCAACCAACCTCTTAATCCTACTTGAAACT TGGTCAACTAGAACAGGCCTTTGGCCTATGGGCTAGTCAATCTTTTACATCTGTAATGCC AACATAATCCCAACCAACTACAGCAAACCCAGAATGGAAGTCAAGCCCTTTTCTTTTC CTATGGGAAGTTCTAATGCATTTCACTGGTTCCTGACAGGAATGCAGGGATGGGAAGACCA GGTCACAGACCCAGCTTTTAAAAGGGAAGGATACCAAGCACCATCCCCTTCTAGAGGAAA AGAAAGTTCTGGGCTTCTGGACACCTTGCCANAAGATGTCCAAAACCCCTAAGGAAG AAGGGGCTCAACCTCATAGAGAGGACCCCAAGTTAACATTCAAACACA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_181844
<b>Insert Size:</b>	1443 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_181844.2</a> , <a href="#">NP_862827.1</a>
<b>RefSeq Size:</b>	3596 bp
<b>RefSeq ORF:</b>	1443 bp
<b>Locus ID:</b>	255877
<b>UniProt ID:</b>	<a href="#">Q8N143</a>
<b>Cytogenetics:</b>	17p13.1
<b>Gene Summary:</b>	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]