

Product datasheet for **SC119050**

BCL7B (NM_001707) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BCL7B (NM_001707) Human Untagged Clone
Tag:	Tag Free
Symbol:	BCL7B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119050 sequence for NM_001707 edited (data generated by NextGen Sequencing)

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ATGTCGGGCCGGTCCGGTCCGGGCGGAGACCCGAGCCGGGCCAAGGACGACATCAAGAAG
GTGATGGCGGCCATCGAGAAAGTGCAGAAATGGGAGAAGAAGTGGGTGACTGTGGGTGAC
ACGTCCCTGAGGATATTTAAGTGGGTTCTGTGACAGACAGCAAGGAGAAAGAAAAGTCA
AAATCGAACAGTTCAGCAGCCCCGAGAACCTAATGGCTTTCCTTCTGATGCCTCAGCCAAT
TCCTCTCCTTCTTGAATTCCAGGACGAAAACAGCAACCAGAGTTCCTGTCTGACGTC
TATCAGCTTAAGGTGGACAGCAGCACTCAAGCCCCAGCCCCAGCAGAGTGAGTCC
CTGAGCCCAGCACACACTCCGACTTCCGCACGGATGACTCCCAGCCCCAACGCTGGGC
CAGGAGATCCTGGAGGAGCCCTCCCTGCCCTCCTCGGAAGTTGCTGATGAACCTCCTACC
CTCACCAGGAAGAACCAGTTCCTACTAGAGACACAGGTCGTTGAGGAAGAGGAAGACTCA
GGTGCCCCGCCCTGAAGCGCTTCTGTGTGGACCAACCCACAGTGCCGCAGACGGCGTCA
GAAAGCTAG
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Clone variation with respect to NM_001707.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001707 unedited</p> <pre>TTCAGATTTGTATACGACTCCTATAGGCCGGCCGCGCAATTCGCACGAGGTGCCCCGGCCC CCGCCGCTCCCGCCGCCCATGTGGGGCCGGTCCGGGCGGAGACCCGAGCCGGG CCAAGGACGACATCAAGAAGGTGATGGCGGCCATCGAGAAAGTGCAGAAATGGGAGAAGA AGTGGGTGACTGTGGGTGACACGTCCCTGAGGATATTTAAGTGGGTTCTGTGACAGACA GCAAGGAGAAAAGAAAAGTCAAAATCGAACAGTTTCAGCAGCCCGAGAACCTAATGGCTTTC CTTCTGATGCCTCAGCCAATTCCTCTCCTTCTTGAATTCAGGACGAAAACAGCAACC AGATTTCCGTGTCTGACGTCTATCAGCTTAAGGTGGACAGCAGCACCAACTCAAGGCCCA GCCCCAGCAGAGTGAGTCCCTGAGCCAGCACACCTCCGACTTCCGCACGGATGACT CCCAGCCCCAACGCTGGGCCAGGAGATCCTGGAGGAGCCCTCCCTGCCCTCCTCGGAAG TTGCTGATGAACCTCCTACCCTACCAAGGAAGAACCAGTTCCACTAGAGACACAGGTGC TTGAGGAAGAGGAAGACTCANGTGCCCCGCCCTGAAGCGCTTCTGTGTGGACCAACCCA CAGTGCCCGCAGACGGCGTCAGAAAGCTAGCACCATCCCCGCCCTCCGCTCCTGGCCCTG CCTCTATTTATTGCATTCTGGTTCTGCCCGCGCCGCTTGTGGGTAAGGCCAGCACCT GGGTCAAGAGCCTGCACCATGACCCTTCCGGCCTGNAANGCTTGGTTAGACTTGGGGCT GTACCATCATCTTCTGACCCTGGCACCTGGTCTACTTGCTCCCGAAAGAGGCCCTCAT GTTTTTTTGACCCCCAGATG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001707 unedited</p> <pre>CCGCGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTACATATTTCAAACAGTT TAATTTTAAAAATATTCTATTTCAGTGCTAAAATATGTCTTCACTCACTGTTGCCCATTTCC CATTTTCTTAACTTTTTTGAACAATAAAATCAAAAAGTTCAATTCAACATGCAG ATTTCAAAGAAAAGGGAGCTTTCTAGAACTGAGCTGAAGGGTACTGTGGGGATGGGT ACTGTTGTCAGAACCTCAAATTTGCTGGGGCAGTTTGTGACAAGAGGCAGGGATGCTG GAATGACAGGTAGAGGTGAGAACAAGCTGCGTGTGTGACAGATGTGTGCTGAGGCGAG GGGATGGGGACGGCGCCACAAAGGGCTGTGAGCAGCTAGGGTGCCCGTGAAGGTAGGA CCACCTCAGGCATGGGCAGAGCTGGCAGGACAGCAAGAAATCTAGACGGACTCTCTGCC TTGTGTGGAGAAAAGCCCTTCCCTTCCCTCCAATGTCTTACCCAGTCTCCAACAGCAG CCTACAGGGCCCCAGTCTAGGGGAAAGTCCGGGAGTCTACAGTCTCCGTTCAAGTTCA AGTAACCTGAGGCACGCTCTTCTAGAAGGTGCCTTCCACATCTCTCTTCTCGCAGA AGCTGCCAGCAGTCCGTCAGAGATTCTGAGCAGAGACTGCTGCCTGGAGGTCACAGAT GAATCTTGGGGTGGCCGATGCTCCAGCCAATTGGGTGCAAAAAGACATGAGCGCTCCTC TTCTCGGAGCAGTANACACAGTGCAAGTCAAGAAATGATCTACACCCAGTCTACGCAG CCTCCACCCGAAGCTAATGGTGCAGCTTGTACCAGGGTGCCTTAACCCAAACGCG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_001707
Insert Size:	1710 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).
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:	<ol style="list-style-type: none">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_001707.2 , NP_001698.2
RefSeq Size:	1690 bp
RefSeq ORF:	609 bp
Locus ID:	9275
UniProt ID:	Q9BQE9
Cytogenetics:	7q11.23
Domains:	BCL_N
Gene Summary:	<p>This gene encodes a member of the BCL7 family including BCL7A, BCL7B and BCL7C proteins. This member is BCL7B, which contains a region that is highly similar to the N-terminal segment of BCL7A or BCL7C proteins. The BCL7A protein is encoded by the gene known to be directly involved in a three-way gene translocation in a Burkitt lymphoma cell line. This gene is located at a chromosomal region commonly deleted in Williams syndrome. This gene is highly conserved from <i>C. elegans</i> to human. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Oct 2010]</p> <p>Transcript Variant: This variant (1) encodes isoform 1.</p>