

## Product datasheet for **RN217228**

### **Bcl11b (NM\_001277288) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bcl11b (NM_001277288) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bcl11b
Synonyms:	Ctip2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217228 representing NM\_001277288  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTC**CCGCGCAAA**ACAGGGCA**ACCCG**CAGCACTTGTCCAGAGGGA**ACTCAT**CAGCCAGAGGCTGACC  
 ATGTGGAGGCTGCTATCCTCGAGGAAGATGAGGGTCTGGAGATAGAAGAGCCTAGCAGCCTGGGGCTGAT  
 GGTGGGCGGCCCGACCTGACCTACTCACCTGTGGCCAGTGTAGATGAACTTCCCGCTGGGGACATC  
 CTGTTTTTATAGAGCACAAGAAGAAACAGTGTGGGGCCTGGGCTCCTGCTACGACAAGG**ACTG**GACA  
 AGGGAAGCCCTCCGCCTTCTCTCGCTCTGAGCTCAGGAGAGTGTCTGAACCAGTGGAGATCGGGATCCA  
 GGTCA**CCCCGAT**GAAGATGACCATCTACTGTCACCCACGAAAGGCATCTGTCCAAGCAGGAGA**ACATT**  
 GCAGGTAAGATGAGCCTTCCAGCTACATTTGCACAACATGTAAGCAGCCCTTCAACAGCGCCTGGTTCC  
 TGCTGCAACATGCGCAGAACACGCATGGCTTCCGCATCTACCTGGAGCCCGGGCCCGCCAGCACCTCGCT  
 CAGCCCAGGCTCACCATCCCGCCGCCCTCGGGCCGGAGGCCGTGGCGCAGTCCC**ACTCAT**GAATTTCC  
 CTCGGGGACAGCAATCCTTTCAACCTGCTGCGCATGACGGGCCCATCCTGCGGGACACCCCGGCTTCG  
 GAGAGGGCCCGCTGCCCGGTACGCCACCGCTTTCAGCCACCGCCACGCCATCACTTGGACCCACACCG  
 CCTCAGTGCAGAGGAGATGGGGCTCGTGGCCAGCACCCAGTGCCTTCGACCGAGT**CAT**GCGCCTGAAC  
 CCCATGGCCATAGACTCTCCCGCATGGACTTCTCTCGGGCGCTGCGAGA**ACTGG**CCGGTAACAGCTCCA  
 CACCGCCCGCCGTGTCCCGAGCCGTGGCAACCCATGACACCGGCTGCTGAACCC**TTTT**CAGCCAGCCC  
 CAAGTCCCGTTCCTCAGCACGCCACCGCTGCCACCCATGCCACGGGCACGCCCGCCACCGCAGCCCGCT  
 GCCAAGAGCAAGTCTGTGAGTCTGCGCAAGACCTTCAAATTCAGAGCAATCTATCGTGCACCGGC  
 GCAGCCACAGGGCGAGAAGCCCTACAAGTGCAGCTGTGCGACCACCGGTGCTCGCAGCGGAGCAAGCT  
 CAAGCGCCACATGAAGACGCACATGCACAAGGGCGGCTCGCTGGCTGGCCGCTCAGACGATGGGCTCTCG  
 GCCGCCAGCTCCCGAGAGCCCGCACACCGAGCTGCCAGGTGACCTCAAAGCGGCCGATGGCGACTTCC  
 GCCACCATGAGAGCGACCCATCTCTGGGACCCGAGCCTGAGGACGACGAGGACGAGGAGGAGGAAGAAGA  
 AGAGCTGCTGCTGGAGAATGAAAGCCGACCTGAGTCGAGCTTACAGATGGACTCGGAGCTGGCCCGTGGC  
 CGCGAGAATGGGGTGGTGTGCCACCAGGGTGGCGGGCGGGGGCTGCAGCTGCGGCTCTGGCAGATG  
 AGAAGGCGCTGGCATTGGGCAAGGTGATGGAGGACGACGGCTGGGCGCACTGCCGAGTATGGGGAGAA  
 GCGAGGCGCTTCTGAAGCGTGCAGGGCAGCGGGTGCACCCGAGCTGGTGGCTGCGGGGATGCAGGT  
 GCACCGGGCGCAGTGAACGGGCTGGCGGGCCTTCGCGCCAGGCGCAGAGCCCTTCCAGCGCTCTTCC  
 CAGCAAGCCCGACCGCTGCCAGCCCGGGGCTTGGTGGTCTGCGCTACACCGGCCAAGCGCATCAA  
 GGTGGAGAAGGACCTGGAGCTGCCACCCCGCCCTCATCCCATCCGAGAACGTGTACTCGCAGTGGCTC  
 GTGGGCTACCGGGCGTGCAGCCACTTCA**GAAG**ACCCGTTCTGGGCTTACGGATGCGCGCCAGTGC  
 CTTTCGCCACGTCGTGGAACATTCCTCTGAGAACGGCAGCCTGCGCTTCTCCAGCCACCCGGGACCT  
 GCTGGACGGCGGGCTGTGGGGCGCAGTGGCACGGCGAGCGGGGCGAGCACCGCTCACCTGGGTGGCCCG  
 GGTCTGGGCGGCCGAGCTCAAAGGAGGGCCCGCAGCGACACGTGCGAGTACTGCGGCAAGGTCTTCA  
 AAACTGTAGCAACCTGACGGTGCACCCGAGGAGCCACACCGGCGAGCGGCTTACAAGTGCAGCTGTG  
 CAACTACGCGTGCAGCAGAGCAAGCTTACGCGCCACATGAAGACGCACGGT**CAGAT**CGGCAAGGAG  
 GTGTACCCTGCGATATCTGCCAGATGCCCTTCAAGTGTCTACAGTACCCTGGAGAAACACATGAAAAAGT  
 GGCACGGTGAACACTTGTGACTAATGATGTCAAATCGAGCAGGCTGAGAGGAGTAA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001277288  
**Insert Size:** 2439 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u>NM_001277288.1, NP_001264217.1</u>
<b>RefSeq Size:</b>	5215 bp
<b>RefSeq ORF:</b>	2439 bp
<b>Locus ID:</b>	314423
<b>Cytogenetics:</b>	6q32