

## Product datasheet for **RN217294**

### **Bcl11b (NM\_001277287) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bcl11b (NM_001277287) 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:** >RN217294 representing NM\_001277287  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTC**CCGCGCA**AAACAGGGCAACCCGAGCACTTGTCCAGAGGGA**ACTCATCACGCCAGAGGCTGACC**  
 ATGTGGAGGCTGCTATCCTCGAGGAAGATGAGGGTCTGGAGATAGAAGAGCCTAGCAGCCTGGGGCTGAT  
 GGTGGGCGGCCCGACCTGACCTACTCACCTGTGGCCAGTGTAGATGAACTTCCCGCTGGGGACATC  
 CTGTTTTTATAGAGCACAAGAAGAAACAGTGTGGGGCTGGCTCCTGCTACGACAAGG**ACTGGACA**  
 AGGGAAGCCCTCCGCCTTCTCTCGCTGTAGCTCAGGAGAGTGTCTGAACCAGTGGAGATCGGGATCCA  
 GGTCA**CCCCCGATGAAGATGACCATCTACTGTCA**CCACGAAAGGCATCTGTCCAAGCAGGAGA**ACATT**  
 GCAGGGCGTGCAGGCCTGCCAGCTGCCATCGATGGCCCCATAGCTGCCTCCTTCCACCC**TCCCA**  
 CCTCCGTGATTACTTACCTCTGCGTGCCTGGGCGTTCTCCACCC**TGTTCCCGCTGCCTTGTGTGG**  
 TGCACGCCCATCTCGGGCAGCGGACTCAGGGT**GAGGGT**CAGATGGAGGCTCCCTTTGGATGCCAGTGT  
 AAAGATGAGCCTTCCAGCTACATTTGCACAACATGTAAGCAGCCCTTCAACAGCGCCTGGTTCTGCTGC  
 AACATGCGCAGAACACGCATGGCTTCCGCATCTACCTGGAGCCCGGGCCCGCAGCACCTCGCTCACGCC  
 CAGGCTCACCATCCCGCCCGCTCGGGCCGAGGGCCGTGGCGAGTCCC**ACTCATGAATTTCTCGGG**  
 GACAGCAATCCTTTAACTGCTGCGCATGACGGGCCCATCTCGGGGACCACCCCGCTTCCGAGAGG  
 GCCGCCTGCCCGTACGCCACCGCTCTT**CAGCCACCGCCACGCCATCACTTGGACCCACACCGCCTCAG**  
 TGCAGAGGAGATGGGGCTCGTGGCCAGCACCCAGTGCCTT**CGACCGAGT**CATGCGCTGAACCC**ATG**  
 GCCATAGACTCTCCCGCATGGACTTCTCTCGGGCTGCGAGAACTGGCCGGTAAACAGCTCCACACCGC  
 CGCCCGTGTCCCGAGCCGTGGCAACCTATGCACCGGCTGCTGAACCC**TTTTCAGCCACGCCCTCAAG**  
 CCGTTCCTCAGCACGCCACCGCTGCCACCCATGCCACGGGCAGCCCGCACCGCAGCCGCTGCCAAG  
 AGCAAGTCTGTGAGTTCTGCGCAAGACCTTCAAATTCAGAGCAATCTCATCGTGCACCGCGCAGCC  
 ACACGGGCGAGAAGCCCTACAAGTGCCAGCTGTGCGACCACGCGTGTGCGAGGCGAGCAAGCTCAAGCG  
 CCACATGAAGACGCACATGCACAAGGGGGCTCGTGGCTGGCCGCTCAGACGATGGGCTCTCGGCCGC  
 AGCTCCCAGAGCCCGCACCAGCGAGCTGCCAGGTGACCTCAAAGCGGCCGATGGCGACTTCCGCCACC  
 ATGAGAGCGACCCATCTCTGGACCCGAGCCTGAGGACGACGAGGACGAGGAGGAGGAAGAAGAGCT  
 GCTGCTGGAGAATGAAAGCCGACCTGAGTCGAGCTT**CAGCATGGACTCGGAGCTGGCCGTGGCCCGAG**  
 AATGGGGTGGTGTGCCACCAGGGTGGCGGGCGGGGGCTGCAGCTGCGGCTCTGGCAGATGAGAAGG  
 CGCTGGCATTGGGCAAGGTGATGGAGGACGCAGGGCTGGGCGCACTGCCGAGTATGGGGAAGCGAGG  
 CGCCTTCTGAAGCGTGACGGCAGCGGGTGACACCGGAGCTGGTGGCTGCGGGGATGCAGGTGCACCG  
 GGCGCAGTGAACGGGCGTGGCGGGCCCTT**CGCGCCAGGCGCAGAGCCCTTCCAGCGCTCTTCCACGCA**  
 AGCCCGCACCGCTGCCAGCCCGGGGCTTGGTGGTCTCGCTACACCGGCCAAGCGCATCAAGGTGGA  
 GAAGGACCTGGAGCTGCCACCCGCCCCCTCATCCATCCGAGAACGTGTACTCGCAGTGGCTCGTGGGC  
 TACGGGGCTCGCGCACTT**CATGAAGGACCCGTTCTGGGCTT**CACGGATGCGCGCCAGTGCCTTT**CG**  
 CCACGTGTCGGAACAT**TCTCTGAGAACGGCAGCCTGCGCTTCTCCACGCCACCCGGGACCTGCTGGA**  
 CGGCGGGCTGTGGGGCGAGTGGCACGGCGAGCGGGGGCAGCACGCCTCACCTGGTGGCCCGGCTCCT  
 GGGCGCCGAGCTCCAAGGAGGGCCCGCGCAGCGACAGTGCAGTACTGCGGCAAGGTCTTCAAAA**ACT**  
 GTAGCAACCTGACGGTGCACCGAGGAGCCACACCGGCGAGCGCCTTACAAGTGCAGCTGTGCAACTA  
 CGCGTGCAGCAGAGCAGCAAGCTTACGCGCCACATGAAGACGCACGGT**CAGATCGGCAAGGAGGTGAC**  
 CGCTGCATATCTGCCAGATGCCCTT**CAGTGTCTACAGTACCCTGGAGAAACACATGAAAAAGTGGCAGC**  
 GTGAACACTTGTGACTAATGATGTCAAATCGAGCAGGCTGAGAGGAGCT**AA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_001277287

<b>Insert Size:</b>	2643 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_001277287.1, NP_001264216.1</u>
<b>RefSeq Size:</b>	5419 bp
<b>RefSeq ORF:</b>	2643 bp
<b>Locus ID:</b>	314423
<b>Cytogenetics:</b>	6q32