

## Product datasheet for MC202566

### Cbln2 (NM\_172633) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cbln2 (NM\_172633) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cbln2  
**Synonyms:** 6330593N19Rik; A730004O05  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC055682 sequence for NM\_172633  
 CAAGACTTGGAGGAATTTGAAAAGAAAAGAATCTGGAAGAAGAACTCGGCTGGTGCTTCGGAGGGC  
 GCCTAGTTTTAAGAAGAACAACCTCTCCGACATCGGTACTCGCCGTCATGGACATTCAGTCCGAGG  
 TGCCCTTCCTTCTGAGAATCATTGGCCTTGACCATCTGAGGCGAGCACCCAGCCAGAGAAGGCTACTAC  
 TCTAGTCTGCGGTTCCCTGTGCGCACCCAGGCAGCCCTCCGGCTTCTGCCGGCCTTGACGTTACAGGG  
 CGCCCCCAGCCAGATGCCCGCCTGGCCAGGGCCCCAGAGGGCCGCTGCTGAGCATGCCCGGGCGCC  
 GGGGGGCGCTGCGTGAGCCAGCCGACTTTGGCTCCAGCCTGGGGGCGGTGCTGGCCCTGCTGTTGCTGCT  
 GCTGCCCGCTGCTGCCCGTAAGGGCTCAGAACGACACGGAGCCATCGTGCTAGAGGGCAAGTGCCTG  
 GTAGTGTGCGATTCCAGCCCATCGGGGATGGCGCCGTCATTCTTCCCTGGGCATTTCTGTGCGCTCAG  
 GCAGTGCCAAGGTGGCCTTCTCCGCTACTCGGAGCACCAACCACGAGCCGTCAGAGATGAGCAACCGTAC  
 CATGACCATCTACTTCGACCAGTCTTAGTAAACATTGGCAACCACTTTGACCTTGCCCTCAGTATATTT  
 GTAGCACCAAGAAAGGAATTTATAGCTTCAGCTTCCACGTGGTCAAAGTGTACAACAGACAAACTATCC  
 AGGTGACGCTTAATGCAGAATGGCTACCCGGTGATCTCTGCATTTGCCGGAGACCAGGATGTTACCAGGGA  
 AGCAGCCAGCAATGGTGTCTGCTGCTCATGGAAGAGAAAGCAAAAGTTCATCTCAAAGTACAGAGAGGC  
 AACCTCATGGGAGGCTGGAAATACTCCACATTTCTGGGCTTCTTGGTTTTCTCTATAGACTCAGAGCC  
 ACCAGGATGATGGGAAGGTTTTGATCAGGACCCAGGGATCTGCCCTGTAACACCTTGAACCTGTCTGG  
 ATAGGATGGCTTGGGCCACCTCCATCAGATTATTGCTGTAGAAGAATGACTTTCTTCTAAAGCTCCAGT  
 ATTTTCTTTGACTATTGACAATTCCTCGGAACCTGGCCTCTAATTAGTTAAGAAGACAAGGTCTTAAG  
 GAGAAATGAAATTATCGATTTGAGCAATTTGTACCCGTGATTGAAAGTCGATATCGGATTTTATTGTTG  
 GAACCATGGCTTAACCTCTCATGTTTGTACGGTGATCTTGTCTGATGACATAGATGCTGCTGACCCCT  
 CAGATGGATTGCACGCTTCAGTCAGGGCTTAAAGCAAGAGCCAGCAGAGGACCACCTAACCCAGACAGTC  
 TTTGACCTGTGTTCTGTGTGTGTAGCCTTAAGAAAAAGAATGGCTTCATTTTTCATTCCGTAGCTTTTC  
 CCTAGGGTCTTGGGGTCTTGGGAGGGAGCTGGGCATTGGTAACCTGTCGAAAAGTCTTTATCCTGAGA  
 AGCAAATTTGCACGATTGGACTGCAGTTTCTGTTTTGTACCGTCTGTGATTTTCTTTTCTCGGGAA  
 GCTTTCTTTTCTCCTCAGTTTCACTCCTCAAACCTACTTAGTTTTTCATGCTGGGGGCTCGGAGAGAA  
 AAACAAAACAAAACAAAACAAAACCTTATGTTTCAGTCTTGTATGAGACCAAAACAAAACAGAACAAA  
 TCTGCATACTTTGTTTTGATAAAGGAAACCAGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



[View online >](#)

<b>Restriction Sites:</b>	Ascl-NotI
<b>ACCN:</b>	NM_172633
<b>Insert Size:</b>	675 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="#">BC055682</a> , <a href="#">AAH55682</a>
<b>RefSeq Size:</b>	1810 bp
<b>RefSeq ORF:</b>	675 bp
<b>Locus ID:</b>	12405
<b>UniProt ID:</b>	<a href="#">Q8BGU2</a>
<b>Cytogenetics:</b>	18 58.63 cM
<b>Gene Summary:</b>	<p>The protein encoded by this gene belongs to a family of secreted neuronal glycoproteins. The transcript is broadly expressed in the embryonic and adult brain with higher levels in some regions including the olfactory bulb, thalamus, and cerebral cortex. The protein can bind to presynaptic neurexins and induce synaptogenesis in cultured neurons. Null mutant mice are viable, fertile and do not display obvious neuroanatomical defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR compared to variant 3. Variants 1, 2, 3, 4, 5 and 6 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>