

## Product datasheet for RR206925

### Cbln2 (NM\_001012740) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cbln2 (NM\_001012740) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Cbln2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR206925 representing NM\_001012740  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCCGCTCCTGGCCGGGGCCCCAGAGGGCCGCTGCTGAGCATGCCCGGGCGCCGGGGGGCGCTGCGTG  
 AGCCGGCCGACTTTGGCTCCAGCCTGGGGCGCGCTGGCCCTGCTGTTGCTGCTGCTGCCCGCCTGCTG  
 CCCGGTAAAGGCTCAGAACGACACGGAGCCCATCGTGTAGAGGGCAAGTGCCTGGTAGTGTGCGATTCC  
 AGTCCATCGGGGGATGGCGCTGTCACTTCTCCCTGGGCATATCTGTGCGCTCAGGCAGTGCCAAAGTGG  
 CCTTCTCCGCTACTCGGAGCACCACACGAGCCTTCAGAGATGAGCAACCGTACCATGACCATCTACTT  
 CGACCAGTTTTAGTAAACATTGGCAACCACTTTGACCTTGCCCTCGAGTATATTTGTAGCACCAGGAAA  
 GGAATTTATAGCTTCAGCTTCCACGTGGTCAAAGTGTACAACAGACAACTATCCAGGTCAGTTTAAATGC  
 AGAACGGCTACCCGGTGATCTCTGCCTTTGCTGGAGACCAGGATGTTACCAGGGAAGCAGCCAGCAATGG  
 TGTTCTGCTTCTCATGGAAGAGAAGACAAAGTTCATCTCAAAGTGGAGAGAGGCAACCTCATGGGAGGC  
 TGGAAATACTCCACATTCTCGGGCTTCTTGTTTTCTCTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR206925 representing NM\_001012740  
 Red=Cloning site Green=Tags(s)

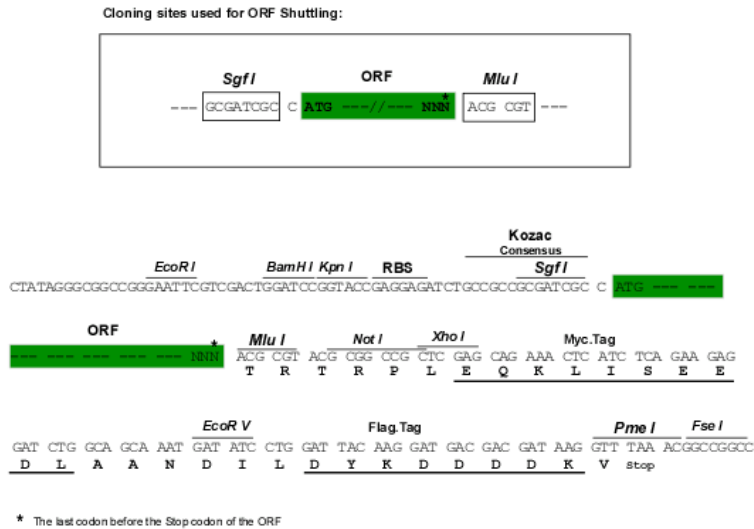
MPAPGRGPRGPLLSMPGRRGALREPADFGSSSLGAALLLLLLLLPACCPVKAQNDTEPIVLEGKCLVVCDS  
 SPSGDGAVTSSLGISVRSKSAKVAFSATRSTNHEPSEMSNRTMTIYFDQVLVNIHFDLASSIFVAPRK  
 GIYSFSFHVVVYNRQTIQVSLMQNGYPVISAFAGDQDVTREASNGVLLLMEREDKVHLKLERGNLMGG  
 WKYSTFSGFLVFPL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**



**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001012740

**ORF Size:** 672 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

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\\_001012740.1](#), [NP\\_001012758.1](#)

**RefSeq Size:** 2385 bp

**RefSeq ORF:** 675 bp

**Locus ID:** 291388

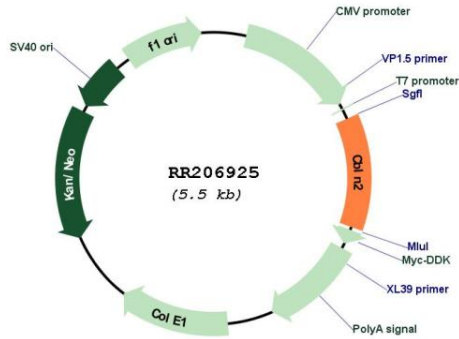
**UniProt ID:** [P98087](#)

**Cytogenetics:** 18q13

**MW:** 24 kDa

**Gene Summary:** May play role in synaptogenesis induction.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RR206925