

## Product datasheet for **RN208918**

### **Ctnnbl1 (NM\_001024870) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ctnnbl1 (NM_001024870) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctnnbl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208918 representing NM\_001024870  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACGTGGCGAACTTTTAAGCTACCAGCCCAACAGGGGCACAAAACGACCCCGGATGATGAGGAAG  
 AAGAAGCTGAAGACTCGTCGAAAACAACTGGTCCTCGAGAACGAGGTCGTATCGTGAAGACGAGGCCAC  
 AGCAGCTGAAGACGCAGATGATGACAAGAAAAGGCTGCTGCAGATTATTGACAGGGACGGCGAGGAAGAG  
 GAGGAGGAGGAGAACCGCTGGATGAAAGCTCAGTGAAGAAGATGATCCTCACATTGCAAAAAGCGATCGT  
 ACAAAAACCAGGAGCTGCGGATCAAGTTCCAGACAATCCAGAGAAGTTCATGGAATCCGAGCTGGACCT  
 CAATGATATCATTAGGAGATGCATGTGGTGGCCACCATGCTGACCTGTACCACCTTCTCGTGGAGCTG  
 AGCGCTGTGCAGTCGCTTCTCGGCTTGTGGGACACGATAATACAGATGTGTCCATAGCTGTGGTCGATC  
 TCCTTCAGGAGCTGACAGACATAGACACCCTCCACGAGAGTGAAGAAGGAGCAGAAGTTCATCGATGC  
 CCTTGTGGATGGACAGGTGGTCGCACTATTGGTGCAGAATCTGGAGCGCCTGGATGAGTCTGTGAGGGAG  
 GAGGCTGATGGTGTCCACAACACCCTAGCTATTGTGGAGAACATGGCGGAGTTCCGTCCAGAGATGTGCA  
 CGGAGGCTGCCAGCAGGACTCCTGCAGTGGCTGTTGAAGAGGCTAAAGGCCAAGATGCCCTTTGATGC  
 CAACAAGCTCTACTGCAGCGAAGTGTGGCCATCCTCCTCCAGGACAATGATGAAAACAGGGAAATTGCTG  
 GGAGAGCTGGATGGAATCGATGTGCTTCTTCAGCAGTTATCCGTATTTAAAAGACACAACCCAGCACCG  
 CTGAGGAGCAGGAGATGATGGAGAACCTGTTGACGCCCTCTGTTCTGCTTGTGCTCAGCTCCAATCG  
 GGAGCGCTTCTGAAGGGTGAGGGCCTTCAGCTCATGAACCTCATGCTCAGGGAGAAGAAGATCTCCCGG  
 AGCAGTGCCCTGAAGGTACTGGACCACGCCATGATTGGCCGGAAGGCGCAGACAACCTGCCACAAGTTTG  
 TTGACATTCTGGGCTTACGGACCATCTTCCACTCTTCATGAAGTCTCCCGGAAGATCAAGAAGTGGG  
 AACACAGAGAAGGAACACGAAGAGCATGTCTGTTGATCCTGGCTTCCCTCCTGCGCAACCTGAGAGGG  
 CAGCAGCGGACCCGGCTTCTGAATAAATTTACGGAGAACGACAGTGAGAAGGTCGACAGACTAATGGAGC  
 TGCATTTTAAATATCTAGGTGCAATGCAGGTGGCTGACAAGAAGATTGAAGGGGAGAAAACATGACATAGT  
 GCGGCGTGGGAGATCATAGACAATGACATGGAGGACGAGTTCTACCTGCGGCGCCTGGATGCCGCGCTC  
 TTCATCTACAGCACATCTGCTACATCATGGCGGAGATCTGCAATGCCAATGTCCCCAGATTGCCAGC  
 GAGTTCACCAGATCCTGAACATGCGTGGCAGCTCCATCAAGATCGTCAGGCACATCATCAAGGAGTACGC  
 AGAGAACATTGGAGATGGCCGGAGCCCTGAGTTCGAGAGACCGAGCAGAAGCGCATCCTGGCTTGTG  
 GAGAACTCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001024870
- Insert Size:** 1692 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:**

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\\_001024870.1](#), [NP\\_001020041.1](#)

**RefSeq Size:** 1920 bp

**RefSeq ORF:** 1692 bp

**Locus ID:** 296320

**UniProt ID:** [Q4V8K2](#)

**Cytogenetics:** 3q42

**Gene Summary:** Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. Participates in AID/AICDA-mediated Ig class switching recombination (CSR). May induce apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]