

Product datasheet for **MC219084**

Ctnnbl1 (NM_025680) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctnnbl1 (NM_025680) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ctnnbl1
Synonyms:	5730471K09Rik; NAP; NYD-SP19; P14L
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219084 representing NM_025680
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGTGGCGAACTTTTAAGCTACCAGCCCAACAGGGGCACAAAACGACCCCGGATGATGAGGAAG
 AAGAAGCTGAAGACACGCCGCAAGCAAAGTGGTCCGAGAACCGGCCGCTATCGCGAAGAGGAGGCCAC
 GGCAGCCGAAGACACAGCTGATGACAAGAAAAGGCTGCTGCAGATTATTGACAGGGATGGCGAGGAAGAA
 GAGGAGGAGGAGGCCGCTGGATGAAAGCTCAGTGAAGAAGATGATTCTCACATTTGAGAAGCGATCCT
 ACAAAAACCAGGAGCTGCGGATCAAGTTCCAGACAATCCGGAGAAGTTCATGGAATCCGAGCTGGACCT
 CAATGACATCATTAGGAGATGCACGTGGTGGCCACCATGCCTGACCTGTACCACCTTCTCGTGGAGCTG
 AGTGCCGTGCAGTCACTTCTCGGCTTGTGGGACATGATAATACAGATGTGTCCATAGCTGTGGTCGATC
 TCCTCCAGGAGCTGACAGACATAGACACCCTCCACGAGAGTGAAGAAGGAGCAGAAGTTCTCATCGACGC
 CCTGGTGGACGGCAGGTGGCCGATTGTTGGTGCAGAATCTGGAGCGCCTGGATGAGTCTGTGAGGGAG
 GAGGCTGATGGCGTCCACAACACCCTAGCTATTGTGGAGAATATGGCCGAGTTCCTCCGGAGATGTGCA
 CAGAGGCTGCCAGCAGGACTCCTGCAGTGGCTGTTGAAGAGGCTGAAGGCCAAGATGCCCTTCGATGC
 CAACAAGCTGACTGTAGTGAAGTGTGGCCATCCTCCTCCAGGACAATGACGAAAAACAGGGAAATTGCTG
 GGAGAGCTGGATGGCATTGACGTGCTTCTCAGCAGTTATCCGTATTTAAAGACACAACCCAGCACCCG
 CTGAGGAGCAGGAAATGATGGAGAACCTGTTGATGCGCTCTGTTCTGCTTAATGCTCAGCTCCAATCG
 AGAGCGCTTCTGAAGGGCGAGGGGCTGCAGCTCATGAACCTCATGCTCAGGGAGAAGAAGTCTCCCGG
 AGCAGCGCCCTGAAGGTGCTGGACCATGCCATGATTGGCCTGAAGGCACAGACAACCTGCCACAAGTTTG
 TTGACATTCTTGGCTTACGGACCATCTTCCACTCTTCATGAAGTCTCCTCGGAAAAACAAGAAGTGGG
 AACACAGAGAAGGAGCATGAAGAGCATGTCTGTTGATCCTGGCTTCCCTCCTGCGCAACCTGAGAGGG
 CAGCAGCGGACCCGGCTTCTGAATAAATTTACGGAGAACGACAGTGAAGAAGTTGACAGACTAATGGAGC
 TGCATTTTAAATATCTCAGCGCAATGCAGGTGGCCGACAAGAAGATTGAAGGGGAGAAAACATGACATAGT
 GCGGCGTGGGAGATCATAGACAATGACATGGAGGACGAGTTCTACCTGCGGCGCCTGGATGCCGGGCTC
 TTCATCTACAGCACATCTGTTACATCATGGCGGAGATCTGCAATGCCAATGTCCCCAGATTGCCAGC
 GGGTTCACCAGATCCTGAACATGCGTGGCAGCTCCATCAAGATCGTCAGGCACATCATCAAGGAGTACGC
 AGAGAACATTGGAGATGGCCGGAGCCCTGAGTTCGGGAGACCGAGCAGAAGCGCATCCTGGCCTTGTG
 GAGAACTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_025680
- 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_025680.4](#), [NP_079956.3](#)

RefSeq Size: 2731 bp

RefSeq ORF: 1692 bp

Locus ID: 66642

UniProt ID: [Q9CWL8](#)

Cytogenetics: 2 78.4 cM

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