

## Product datasheet for **RN203630**

### **Ctnna1 (NM\_001007145) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ctnna1 (NM_001007145) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctnna1
Synonyms:	Catna1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203630 representing NM\_001007145  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACTGCCGTCCACACAGGCAACATAAACTTCAAATGGGACCCAAAAGTCTAGAGATTAGAACTCTGG  
 CTGTTGAAAGACTGTTGGAGCCTTTGTTACACAGGTGACAACCCTGGTAAACACCAATAGTAAAGGACC  
 CTCTAATAAAAAGAGAGGCCGTTCTAAGAAGGCCCATGTTTTGGCTGCATCTGTTGAACAAGCAACTGAG  
 AATTTCTTGAAAAGGGGACAAAATAGCAAAAGAGAGTCAGTTTCTTAAGGAGGAGCTTGTGGCTGCTG  
 TGGACGATGTTGAAAACAAGGAGATCTGATGAAGAGCGCTGCTGGGAGTTTGCAGATGATCCGTGCTC  
 TTCTGTGAAGCGAGGTAACATGGTTCGGGCAGCTCGAGCTCTGCTTTCCGCCGTTACCCGGCTGCTGATT  
 CTGGCTGACATGGCAGATGTCTACAAGTACTTGTTCAGCTGAAAGTTGTGAAGACGGCATTGGAAGC  
 TGAGGAATGCTGGCAACGAGCAGGATCTAGGGATACAGTACAGAGCTCTGAAACCAAGATAGATAAGCT  
 GAACATCATGGCAGCAAAACGACAACAGGAAGTAAAGATGTGGCCCATCGTGATCAAATGGCTGCAGCT  
 AGAGGAATCCTGCAGAAAATGTTCCCATCTCTACACTGCATCCAGGCATGCCTGCAGACCCCGATG  
 TAGCAGCCTACAAGGCCAACCGGACTTGATATACAAGCAGCTGCAGCAGGCCGTACCGGGATCTCTAA  
 TGCTGCCCAGGCTACTGCATCAGATGACGCTCCACGAGCAGGGTGGCGGCGGGCGGGGAGAGCTG  
 GCGTATGCTCTCAACAACCTTTGATAAAACAAATCATTGTGGACCCCTTGAGCTTACAGCAGGAACGCTTA  
 GACCTTCACTGGAAGAACGCCTGGAAAGCATAATTAGCGGAGCTGCCCTGATGGCCGACTCATCTGCAC  
 ACGTGATGACCGCGTGAGCGCATTGTGGCAGAGTGAATGCTGTCCGCCAGGCTCTACAGGACCTGCTA  
 TCAGAATACATGGGCAATGCTGGACGCAAGGAGAGGAGCGACGCACTCAACTCGCCATAGATAAAATGA  
 CCAAGAAGACACAGGACCTGCTGCAGCAGCTTCGCAAAGCTGTCAATGGACCAGTATCAGATTCTTCTCT  
 GGAGACCAATGTCCCTCTTTTAGTACTGATTGAAGCTGCAAAGAATGGAACGAGAAGGAGGTTAAGGAG  
 TATGCCCAGGTTTTCTGTAACACGCCAACAACTGATTGAGGTCGCCAACTTGGCCTGTTCAATCTCCA  
 ATAATGAAGAAGGCGTGAAGCTCGTTCGGATGTCTGCAAGTCAGTTAGAAGCGCTCTGCTCTCAGTTAT  
 CAATGCTGCGTTGGCTTTAGCGGCAAAGCCACAGAGTAACTGGCCCAAGAGAACATGGATCTTTTTAA  
 GAGCAGTGGGAAAAACAAGTCCGTGTTCTCACAGATGCTGTTGATGACATTACTTCCATTGATGACTTCT  
 TGGCTGTCTCAGAGAACCACATTTTGAAGATGTGAACAAGTGTGTTATCGCTCTCAAGAGAAAGACGT  
 GGATGGGTGGATCGCACTGCTGGGCCATTGAGGCGGGCAGCCGAGTCATTATGTCGTCACCTCA  
 GAGATGGACAACACGAGCCAGGAGTTTACACAGAAAAGTTCTAGAAGCCACCAAACTCTCTCCAACA  
 CAGTCATGCCCGCTTCACTGAGCAAGTGAAGCAGCTGTGGAAGCCCTCAGCTCAGACCCCGCCAGCC  
 TATGGATGAGAATGAGTTCATCGACGCCTCCCGTCTGGTATACGACGGCATCCGGGACATCCGCAAGGCC  
 GTGCTGATGATAAGGACCCCGAGGAGTTGGACGACTCTGACTTCGAGACTGAAGACTTTGATGTCAGAA  
 GCAGGACCAGTGTCCAGACAGAAGATGACCAGCTGATAGCTGGACAGAGCGCCCGGGCGATCATGGCTCA  
 GCTTCTCAGGAGCAGAAGGCAAGATCGCAGAGCAGGTGGCCAGCTTCCAGGAGGAGAAGCAAGCTG  
 GACGCTGAGGTGTCCAAGTGGGACGACAGCGCAATGACATCATTGTGCTGGCCAAGCAGATGTGCATGA  
 TCATGATGGAGATGACCGACTTACCCGAGGCAAAGGGCCACTCAAAAACACATCGGATGTGATCAGTGC  
 TGCCAAGAAAATTGCTGAGGCAGGATCCAGGATGGATAAGCTTGGCCGGACCATCGCAGACCACTGCCCA  
 GACTCCGCTGCAAGCAGGACCTGCTGGCCTACCTTCAGCGCATCGCGCTCTACTGCCACCAGCTCAACA  
 TCTGCAGCAAGGTCAAGGCTGAAGTACAGAACCTCGGTGGAGAGCTTGTGCTCTGTTGGGTGGACAGCGC  
 CATGTCCCTGATCCAGGCAGCCAAGAATTGATGAACGCTGTAGTGCAGACAGTGAAGGCGTCTACGCTG  
 GCTTCCACCAAATACCAGAAGTACAGGGGATGGCGTCCCTCAACCTTCTGCTGTGTCATGGAAAATGA  
 AAGCCCCGAGAAGAAGCCCTTGGTGAAGAGAGAAGCAGGATGAGACACAGACCAAGATCAAGCGGGC  
 CTCCAGAGAAGCACGTGAACCCTGTGCAGGCCCTCAGCGAGTCAAGGCCATGGACAGCAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001007145

<b>Insert Size:</b>	2727 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>	<u><a href="#">NM_001007145.1</a></u> , <u><a href="#">NP_001007146.1</a></u>
<b>RefSeq Size:</b>	3643 bp
<b>RefSeq ORF:</b>	2727 bp
<b>Locus ID:</b>	307505
<b>Cytogenetics:</b>	18p11