

## Product datasheet for **RN209374**

### **Ctnnd1 (NM\_001107740) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ctnnd1 (NM_001107740) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctnnd1
Synonyms:	Catns
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209374 representing NM\_001107740  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACGACTCAGAGGTGGAGTCGACCGCCAGCATCTTGGCCTCTGTGAAAGAACAAGAGGCACAATTTG  
 AGAAGCTGACCCGGGCGCTGGAGGAGGAGCGGCCCATGTGTCGGCGCAACTGGAACGCGTCCGGGTCTC  
 ACCACAAGATGCCAACTCACTCATGGCCAACCGCACCCCTCACCCGTCGGCATCAGAACGGCCGGTTTGTG  
 GGCGATGCTGACCTTGAGAGACAGAAATTTTCAGATTTGAAACTCAACGGACCCAGGATCACAACCACC  
 TTCTGTATAGCACTATCCCCAGGATGCAGGAGCCAGGTGAGATCGTGAAACCTACACAGAGGAGGACCC  
 TGAAGGAGCCATGTCTGTTGTTTCTGTGGAGACCTCAGATGATGGGACCACTAGGCGCACAGAGACCACA  
 GTCAAGAAAGTTGTGAAGACGATGACAACGCGGACAGTGCAGCCTGTCCCATGGGGCCAGATGGCTGC  
 CTGTGGATGCCTCAGCAGTCTCCAATACTATATCCAGACCTTGGGCCGTGATTCGCCAAGAATGGCAA  
 TGGGGGCCCTGGTCCCTATGTGGGCAGGCGGGCACTGCAACTTTCCTAGGAACTTCCACTATCTCCA  
 GATGGGTATGGCCGACACTATGAAGATGGTTATCCAGGTGGCAGTGACAACCTATGGCAGTCTGTCCCGAG  
 TGACCCGAATTGAGGAGCGGTATAGGCCAGCATGGAGGGCTACCGGGCACCCAGTAGACAAGATGTCTA  
 TGGGCCCCAGCCCAGGTTTCAGTAGGTGGGAGCAGTGTAGATCTGCATCGTTTTTCATCCAGAGCCTTAT  
 GGGCTAGAGGATGACCAGCGCAGCATGGGCTATGATGACCTAGATTACGGCATGATGTCTGATTATGGTA  
 CTGCCCGTCGGACAGGAACCCCTCGGACCCTCGACGACGCTCAGGAGCTATGAAGACATGATTGGTGA  
 AGAGGTGCCACCTGATCAGTACTATTGGGCTCCTTTAGCTCAGCACGAGCGGGGAAGTTTAGCAAGCTTG  
 GATAGTCTGCGCAAGGGAATGCCCCGCTCCAACCTGGAGACAGCCTGAGCTGCCAGAGGTGATTGCCA  
 TGCTAGGCTCCGCTTGGATGCTGTTAAGTCCAATGCAGCTGCATACCTGCAGCACTTATGCTACCGCAA  
 TGACAAGGTGAAGACTGATGTGCGGAAGCTCAAGGGCATCCCGATATTGGTAGGATTGTTAGACCATCCC  
 AAAAAGGAAGTGACCTCGGAGCCTGTGGAGCTCTCAAGAATATCTCTTTGGACGTGACCAAGATAACA  
 AGATTGCCATAAAAACTGTGATGGTGTCTGCCCTGGTCTGATTGCTCCGAAAGGCTCGTGATATGGA  
 CCTGACTGAAGTGATTACTGGAACCCTGTGGAATCTCTCATCCCATGATTCAATCAAAATGGAGATTGTG  
 GACCATGCGCTACACGCCTTGACAGATGAAGTTATCATTCCGCATTCTGGTTGGGAGAGAGAACCTAATG  
 AAGACTGTAAGCCACGGCATATTGAATGGGAGTCAGTGTCCACCAACACAGCTGGCTGCCTTAGAAATGT  
 AAGCTCGGAGAGGAGTGAAGCCCGCGGAAACTTCGGGAGTGTGATGGCCTAGTTGATGCCCTCATTTTC  
 ATTTGTTACGGCAGAAATTTGGGCAGAAGGATTGAGACAGTAACTTGTGGAGAATTGTGTTGCCCTCTTC  
 GGAACCTATCATATCAAGTTCATCGTGAATCCCACAGGACAGCGTTACCAGGAGGCACCTTCTAGTGT  
 GGCTAACAGTACTGGGCCACATGCTGCCAGTTGCTTTGGGGCCAAAGAGGGCAAAGGGAAAAAGCCTACC  
 GAGGATCCAGCAAATGATACAGTGGATTTCCCTAAAAGAACTAGTCTGCTCGGGGCTATGAACTCTTAT  
 TTCAGCCAGAAGTGGTGCGAATATACATTTCACTCCTAAGGAGAGCAAGACACCTGCCATCCTAGAAGC  
 CTCGGCTGGAGCTATCCAGAACTGTGTGCTGGGCGCTGGACATATGGCAGATACATCCGCTCTGCTCTT  
 CGTCAAGAGAAGGCTCTCTGCCATAGCTGACCTCCTGACCAGTGAACACGAGCGAGTGTGAAAGCTG  
 CCTCTGGGGCACTGAGAAATCTGGCTGTGGATGCTCGGAACAAAGAGTTAATTGGCAAACATGCTATTCC  
 TAACTTGGTAAAGAATCTGCCAGGAGGTCAACAGAACTCCTCCTGGAATTTCTCTGAAGACACCGTGGTC  
 TCTATATTGAACACCATCAACGAAGTTATTGCTGAGAAGTTGGAAGCCGCCAAAAAGCTTCGAGAGACCC  
 AGGGTATTGAGAAGCTGGTGTGATCAACAAATCAGGGAATCGCTCAGAAAAAGAAGTCCGGGCAGCAGC  
 TCTTGTCTGCAGACAATCTGGGGCTATAAGGAGCTTCGGAAGCCACTGGAAAAAGAGGGGTGGAAGAAA  
 TCAGACTTCCAGGTGAATCTAAACAATGCATCTAGAAGCCAGAGCAGCCATTATGATGATAGCACTC  
 TCCCCCTATTGACCGGAACCAAAAATCAGATAAGAACTGACCGGGAAGAAATCCAATGAGCAATAT  
 GGGGTCAAACAAAAATCATTAGATAACAATTTCCACTGAATGAGAGAGGAGACCACAACAGAACA  
 CTGACCGATCTGGGGATTTGGGTGATATGGAGCCATTGAAGGGAGCACCTTGTGAGAAAGATTAG

AG**CGGACCG**ACGCGTACGCGGCCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

<b>ACCN:</b>	NM_001107740
<b>Insert Size:</b>	2799 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_001107740.1</a></u> , <u><a href="#">NP_001101210.1</a></u>
<b>RefSeq Size:</b>	4732 bp
<b>RefSeq ORF:</b>	2799 bp
<b>Locus ID:</b>	311163
<b>Cytogenetics:</b>	3q24