

## Product datasheet for **MC222483**

### **Ctnna3 (NM\_177612) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ctnna3 (NM_177612) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ctnna3
Synonyms:	4930429L08Rik; 4933408A16; Catna3; Vr22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222483 representing NM\_177612  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGGCAGAAACGCCAATAACCTGAATATGGACACTCAGGATCTGCAGATCCAAACGTTCACTGTGG  
 AGAACTGCTGGAGCCTCTGATAATCCAGGTTACTACCCTGGTGAATTGTCCGCAGAATCCTTCCAACAG  
 GAAGAAAGGACGTTCAAAGAGAGCCAGAGTTCTTCTAGCTTCCGTGGAGGAAGCAACTTGAATTTGTTA  
 GACAAGGGGGAGATGATTGCTAAGGAAGCCACGGTTTTAAAGGAAGAGCTGGCAGCTGCACTCCAGGAAG  
 TTCGAAAAGAGAGCAAAGCTCTGAAGGTATCAGCTGAGAGATTTACAGACGACCCCTGTTACCTCCCGAA  
 AAGGGAGGCCGTGGTTCAAGCCGCCCGCCCTGTTGGCAGCAGTTACAAGACTCCTTGTCTTGCCGAC  
 ATGATTGATGTCATGTGCCTCTTGACGATGTGTATCTTTCAAAGAACATTGAGTCTCTCAAAAATG  
 TTTCCAACAAGTCCGACCTCCAGAGAACCTACCAGAAGCTCGGGAAGGAGCTGGAAGCCTGGATTATTT  
 GGCCTTCAAACGCCAGCAGGACCTAAAACTCCAAGCCAGAGGGATGAAATTGCAGGGGCCCGGCCACC  
 TTGAAGGAGAACTCCCCACTCTGCATTCTATTTGTTCCAGCATGCTTGAACATTCCGATGTTGCTTCGC  
 TCAAAGCCAGTAAGGACACCGTCTGTGAAGAGATCCAGAACGCTCTTGATGTAATTTCAAATGCTTCCCA  
 AGGCATCCAGAATGCGCCAGCGCCCCCTGAACCTCAGGCAGCAACTGGGAAGTCTTTTGATGAGCTG  
 GAGAACTTAATTGCTCTGAACCCACTCACAGTGACAGAGGAAGATGTAAGACCATCACTAGAGAAACGCC  
 TAGAAGCCATCATCAGTGGGGCCGCACTGTTGGCCGACTCGTCTGCACCAGGGACCTCCACCGGGAGCG  
 GATTATCGCCGAGTGCAATGCCATCCGCCAGGCTCTCCAGGACCTGCTGACGGAGTACATGAGTAATACT  
 GGAAAAACAGAAAGGAGTAATACCCTGAATACTGCCATTGTCAACATGAGCAAGAAGACAAGAGACCTCC  
 GCAGACAGCTCCGCAAAGCTATCATAGATCACATATCAGATTCTTTCTTGATACAACAGTCCACTCCT  
 GGTCTCATTGAAGCTGCGAAGAATGGCCGAGTCAAGGAAATCAAAGACTATGCTGCCATATTTTCATGAG  
 CACACTGGCAGGCTCGTGGAGGTGGCAAATCTGGCTTGTTCATGTCAACGAATGAAGATGGGATTA  
 TCGTCAGAATTGCAGCCAATCACCTGGAGACCCTGTGTCCACAGATCATAAATGCTGCACCTGCTTTGGC  
 ATCAAGACCCAAGAGTCAAGTGGTCAAAAACACCATGGAATGTACAAGCGCACATGGGAACACTACATC  
 CACGCTCTCACTGAAGCTGTAGATGACATCACCAGCATTGACGACTTTCTGGCTGTATCTGAAAGCCACA  
 TCCTGGAAGATGTCAACAAATGCATTATAGCCTTGAGAGATCAGGATGCTGATAATTTAGACCGAGCTGC  
 CGGTGCCATCAGAGGACGGGCCGAAGAGTAGCTCACATCGTTGGGGTGAATGGATAGTTACGAACCC  
 GGCCTTACACCGAAGGTGTGATGAGAAATGTCAACTTCTTACAAGCACTGTGATCCCGGAGTTCTGTGA  
 CACAAGTGAATGTGGCCCTAGATGCTTTAAGCAAGAACTCTGACTGCGCTTGATGATAATCAGTTTGT  
 GGACATCTCCAAGAAGATCTATGACACAATCCATGATATCAGGTGTTCCGTCATGATGATTCGGACACCA  
 GAGGAACTAGAGGATGTTTCTGACCTTGAAGATGACCATGAGGTCCGTAGCCACACCAGCATTGAGACAG  
 AAGGGAAAAGTATCGGGCCAAGATGACTCAACTGCCTGAGGCAGAAAAGGAAAAGATTGCTGAGCAAGT  
 CGCCGACTTCAAGAAGGTGAAGAGCAAGCTGGACGCTGAGATTGAGATATGGGATGACACAAGCAATGAC  
 ATCATTGTTCTTGCCAAGAAGATGTGCATGATCATGATGGAGATGACCGACTTACGAGGGGGAAAGGAC  
 CACTAAAGCATACCACTGATGTAATCTATGCAGCTAAAATGATATCAGAGTCAGGATCAAGGATGGATGT  
 TCTTGTCTGGCAGATTGCTAACCAGTGTCCAGATCCACCGTCAACACAGGACTTGTGGCTTACCTGGAA  
 CAGATTAATTTACTCCACCAGCTGAAAATCTGCAGTCAAGTTAAAGCAGAGATCCAAAATCTGGGGG  
 GAGAACTCATCGTATCAGCTTTGGACAGTGTACCTCCCTGATCCAGGCAGCCAAGAATTTAATGAATGC  
 TGTAGTGCAAACAGTAAAATGTATACATTGCCTCCACCAAGATCATCCGCATCCAGAGTTCTGCAGGA  
 CCCCAGCACCCAGTAGTCATGTGGAGGATGAAGGCTCCGGCTAAGAAGCCCTTGATTAAGAGAGAGAAGC  
 CAGAAGAAAATGGGCAGCTGTGAGAAGAGGCTCTGCAAGAAAAGATCCACCCAGTTCAGTCATGAG  
 TGAATTCAGAGGGAGACAAGTCTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_177612

<b>Insert Size:</b>	2688 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>	<a href="#">NM_177612.3</a> , <a href="#">NP_808280.2</a>
<b>RefSeq Size:</b>	3609 bp
<b>RefSeq ORF:</b>	2688 bp
<b>Locus ID:</b>	216033
<b>UniProt ID:</b>	<a href="#">Q65CL1</a>
<b>Cytogenetics:</b>	10 B4- B5.1
<b>Gene Summary:</b>	May be involved in formation of stretch-resistant cell-cell adhesion complexes. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform (1).