

Product datasheet for **MC222484**

Ctnna3 (NM_001164376) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctnna3 (NM_001164376) 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: >MC222484 representing NM_001164376
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGGCAGAAACGCCAATAACCTGAATATGGACACTCAGGATCTGCAGATCCAAACGTTCACTGTGG
 AGAAACTGCTGGAGCCTCTGATAATCCAGGTTACTACCCTGGTGAATTGTCCGCAGAATCCTTCCAACAG
 GAAGAAAGGACGTTCAAAGAGAGCCAGAGTTCTTCTAGCTTCCGTGGAGGAAGCAACTTGAATTTGTTA
 GACAAGGGGGAGATGATTGCTAAGGAAGCCACGGTTTTAAAGGAAGAGCTGGCAGCTGCACTCCAGGAAG
 TTCGAAAAGAGAGCAAAGCTCTGAAGGTATCAGCTGAGAGATTTACAGACGACCCCTGTTACCTCCCGAA
 AAGGGAGGCCGTGGTTCAAGCCGCCCGCCCTGTTGGCAGCAGTTACAAGACTCCTTGTCTTGCCGAC
 ATGATTGATGTCATGTGCCTCTTGACGATGTGTATCTTTCAAAGAACATTGAGTCTCTCAAAAATG
 TTTCCAACAAGTCCGACCTCCAGAGAACCTACCAGAAGCTCGGGAAGGAGCTGGAAGCCTGGATTATTT
 GGCCTTCAAACGCCAGCAGGACCTAAAACTCCAAGCCAGAGGGATGAAATTGCAGGGGCCCGGCCACC
 TTGAAGGAGAACTCCCCACTCTGCATTCTATTTGTTCCAGCATGCTTGAACATTCGATGTTGCTTCGC
 TCAAAGCCAGTAAGGACACCGTCTGTGAAGAGATCCAGAACGCTCTTGATGTAATTTCAAATGCTTCCCA
 AGGCATCCAGAATGCGCCAGCGCCCTGAACCTCAGGCAGCAACTGGGAAGTCTTTTGATGAGCTG
 GAGAACTTAATTGCTGAAACCCACTCACAGTGACAGAGGAAGATGTAAGACCATCACTAGAGAAAACGCC
 TAGAAGCCATCATCAGTGGGGCCGCACTGTTGGCCGACTCGTCTGCACCAGGGACCTCCACCGGGAGCG
 GATTATCGCCGAGTGCAATGCCATCCGCCAGGCTCTCCAGGACCTGCTGACGGAGTACATGAGTAATACT
 GGAAAAACAGAAAGGAGTAATACCCTGAATACTGCCATTGTCAACATGAGCAAGAAGACAAGAGACCTCC
 GCAGACAGCTCCGCAAAGCTATCATAGATCACATATCAGATTCTTTCTTGATACAACAGTCCACTCCT
 GGTCTCATTGAAGCTGCGAAGAATGGCCGAGTCAAGGAAATCAAAGACTATGCTGCCATATTTCAATGAG
 CACACTGGCAGGCTCGTGGAGGTGGCAAATCTGGCTTGTTCATGTCAACGAATGAAGATGGGATTA
 TCGTCAGAATTGCAGCCAATCACCTGGAGACCCTGTGTCCACAGATCATAAATGCTGCACTTGTCTTGGC
 ATCAAGACCCAAGAGTCAAGTGGTCAAAAACACCATGGAATGTACAAGCGCACATGGGAACACTACATC
 CACGTCTCACTGAAGCTGTAGATGACATCACCAGCATTGACGACTTTCTGGCTGTATCTGAAAGCCACA
 TCCTGGAAGATGTCAACAAATGCATTATAGCCTTGAGAGATCAGGATGCTGATAATTTAGACCGAGCTGC
 CGGTGCCATCAGAGGACGGCCGAAGAGTAGCTCACATCGTTGCGGGTGAATGGATAGTTACGAACCC
 GGCCTTACACCGAAGGTGTGATGAGAAATGTCAACTTCTTACAAGCACTGTGATCCCGGAGTTCTGTGA
 CACAAGTGAATGTGGCCCTAGATGCTTTAAGCAAGAACTCTGACTGCGCTTGATGATAATCAGTTTGT
 GGACATCTCCAAGAAGATCTATGACACAATCCATGATATCAGGTGTTCCGTGATGATGATTCGGACACCA
 GAGGAACTAGAGGATGTTTCTGACCTTGAAGATGACCATGAGGTCCGTAGCCACACCAGCATTGAGACAG
 AAGGGAAAAGTATCGGGCCAAGATGACTCAACTGCCTGAGGCAGAAAAGGAAAAGATTGCTGAGCAAGT
 CGCCGACTTCAAGAAGGTGAAGAGCAAGCTGGACGCTGAGATTGAGATATGGGATGACACAAGCAATGAC
 ATCATTGTTCTTGCCAAGAAGATGTGCATGATCATGATGGAGATGACCGACTTACGAGGGGGAAAGGAC
 CACTAAAGCATACCACTGATGTAATCTATGCAGCTAAAATGATATCAGAGTCAGGATCAAGGATGGATGT
 TCTTGCTCGGCAGATTGCTAACCAGTGTCCAGATCCACCGTGCAAACAGGACTTGTGGCTTACCTGGAA
 CAGATTAATTTACTCCACCAGCTGAAAATCTGCAGTCAAGTTAAAGCAGAGATCCAAAATCTGGGGG
 GAGAACTCATCGTATCAGCTTTGGACAGTGTACCTCCCTGATCCAGGCAGCCAAGAATTTAATGAATGC
 TGTAGTGCAAACAGTGAATGTCATACATTGCCTCCACCAAGATCATCCGCATCCAGAGTTCTGCAGGA
 CCCCAGCACCCAGTAGTCATGTGGAGGATGAAGGCTCCGGCTAAGAAGCCCTTGATTAAGAGAGAGAAGC
 CAGAAGAAAATGAGGAGCTGTGAGAAGAGGCTCTGCAAGAAAAGATCCACCCAGTTCAGTCAATGAG
 TGAATTCAGAGGGAGACAAGTCTACT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001164376

Insert Size:	2688 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:	<ol style="list-style-type: none">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:	<u>NM_001164376.1</u> , <u>NP_001157848.1</u>
RefSeq Size:	3681 bp
RefSeq ORF:	2688 bp
Locus ID:	216033
UniProt ID:	<u>Q65CL1</u>
Cytogenetics:	10 B4- B5.1
Gene Summary:	May be involved in formation of stretch-resistant cell-cell adhesion complexes. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Both variants 1 and 2 encode the same isoform (1).