

## Product datasheet for **RN216971**

### **Tctn1 (NM\_001177613) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tctn1 (NM_001177613) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tctn1
Synonyms:	RGD1566266
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN216971 representing NM\_001177613  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGTCGCGGTGTCTTCCGCCGCTCCTGCTGGTGTCTCTAACTGCTGCACCTCTTCGAGACCCAGG  
 TGGTTGCCACCCGGCTGCGGCCACCCGGTGGTACGAATGAGGATCTCAACTCACCGAGGCCACCCC  
 CGCCACTCTCAGACCCTCCTGGTCTCCTAGGACCCCGGAACTCCAGGCCACCGGAGCTCTTGCCCC  
 AGGCCACCCCGGTACGGACGTTGCTGCTGTGTGTCTGCGACCTGCTTCTGCACAGTGTGATATCA  
 ACTGCTGTTGTGACCCTGACTGCAGCCCTGGGGATTTACAGCTTCTCTGCCTGCTCCATCCAGTTGT  
 CACGGGTGATCGGCAGTTTTGTAGTCAGAAGGCAGCCTTCTACTCAATGAATTTGACAGCAGACCCACT  
 CACCGCGACTTTAACTCATTGACCAGATCAACCCTTCCATCTTGTATTATTTCAAACAAGC  
 CGCGCTGTCTTTGCCAATCCGGAAGTCCAGATGAAAAAATTTGATAGACTGATGGGAGCATCAGG  
 TGGCTTACACTGAGTCCGAGTCCAGGAGTTCCCTCCACAGCCACCTCAGATGACCCACAGCCACTAAA  
 TATGAGTATGGAGCCCTTCTGCAGACCGCAGGTGAATCTTCAGGGTCATTTCTGAAACTGCCTTACCTC  
 TCACTTCACTCTGTGTGCAGATGAGAACCCTGCAGCATTCTGGTGAACCAGGCCTTCGAATGCAGCCG  
 AAGGGTGGCCATAGAAGAGTGTGAAAGAATGGAAGCTCTCAGCATGGCTCACTACAGCAGCCCTGCCATT  
 CTGAGGGTGCCTAATTCAACGACACAGGTCTCCATCAAGATCCAGTCTATAATGTATCGGTCTCTGAATC  
 ACACACTGACCCAGTTAGAAGGCCGTGGTATCCTGCGGCCATCTCTGGTCACTGGGCAAGACAGACT  
 CTGCAGCAACGTTGTTCTCCAGGTAAAGTACAGTCTGTATACACAGCCAGCGGCCAGATCCAGGAAGCC  
 GGCCTCTCCCTCGTGTGGGACGCTCATCAGCACCGTGAGTCTCCTGCAGCAGAAGTTGAGATCACT  
 TTATTCAGCATGGCACCAGCCTGTTCTCTCAGTGGCAACCCTGGTTACAGAGTGGGACTCCCGCTGGC  
 CGCTGGCTTTCAGCCTCAGAAGGGGTCTGGGATTATTCAGACAACGAACAGACAAGGCCAGCTTACTATT  
 CTTCTGACAGCAAGCAGGACTGCCTGGCCAGCCAGGGCAGCGGGCTCCTGTGCTGTTTGGCTACA  
 ATGTGCAGTCTGGCTGTGAGTCAAGTTGACAGGCACCATCCCATGCGGGCTTCTGGCACAGAAGATGCA  
 GGATCTGCTGAGAGGCCAGGCCCTCCCTGACTACGTGGCTGCGTTTTGGAACTCACGAGCCAGGATGTG  
 CAGGACTGGGTGCCTGTGCACTTTGTCAACCACTCCTCCAACACGAAGGGCTCTTGCCAGCTTCTGTGG  
 CTTTGGGTATAGAAGTAAATGGACTAAGTATGGGTCCCTGCTGAACCCAGGCCAGGATAGTAAATGT  
 CACTGCCAGCTCATCTCAATTCAGAGCCCTCCAGGGCTGAGAGGACCATGGTCATTTCCACTGCA  
 GTGACATTTGTGGATGTGTCAGCCCTGCAGAGGCAGGCTCCGAGCCCCACCCACCATCAATGCCAGGC  
 TGCCCTCAGCTTCTTCCCATTGTGA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001177613
- Insert Size:** 1782 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001177613.1](#), [NP\\_001171084.1](#)

**RefSeq Size:** 4061 bp

**RefSeq ORF:** 1782 bp

**Locus ID:** 304486

**Cytogenetics:** 12q16