

Product datasheet for RN203928

Tnnt2 (NM_012676) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnnt2 (NM_012676) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tnnt2
Synonyms:	Ctt; CTTG; RATCTTG; Tnnt3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203928 representing NM_012676 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGACGCCGAGGAAGAGGTGGTGGAGTACGAGGAGGAACAGGAAGAGGAAGACTGGAGCGAAGAAG
AGGAAGACGAGCAAGAGGAGGCAGTGGAGGAGGAGGATGGTGGAGCCGAGCCTGATCCCGAGGGTGAGGC
AGAGCCAGAGGAGGACAAGGCAGAAGAGGTTGGTCTGATGAAGAAGCCAGAGATGCTGAAGATGGTCCA
GTAGAGGACTCCAAACCAAGCCAGCAGGCTCTTCATGCCCAACTTGGTGCCACCCAAGATCCCTGACG
GAGAGAGAGTGGACTTTGATGACATCCACAGGAAGCGCATGGAGAAGGACCTGAACGAGCTGCAGACTCT
GATCGAGGCTCACTTCGAGAACAGGAAGAAGGAGGAAGAGGAGCTCATTTCTCTCAAAGACAGGATCGAA
AAGCGTCGGGCAGAGCGGCTGAACAGCAGCGTATTTCGCAATGAACGAGAGAAGGAAAGGCAGAACCGCC
TGGCTGAAGAGAGGGCCCGGCTGAGGAGGAGGAGAACAGGAGGAAGGCTGAAGATGAGGCCCGGAAGAA
GAAGGCTCTGTCCAACATGATGCATTTTGGAGGGTACATCCAGAAGGCTCAGACAGAGCGGAAGAGTGGG
AAGAGACAGACAGAGCGAGAGAAGAAGAAGATTCTGGCAGAGAGGAGGAAGGTGCTGGCCATCGACC
ACCTGAATGAAGACCAGCTGAGAGAGAAGGCCAAGGAGCTATGGCAGAGTATCCACAACCTAGAGGCCGA
GAAGTTCGACCTGCAGGAAAAGTTCAAGCAGCAGAAATATGAAATCAACGTTCTGCGAAAACAGGATCAAC
GACAACCAGAAAAGTCTCCAAAACCTCGTGGGAAGGCCAAAGTCACCGGGCGTTGAAAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012676
Insert Size:	900 bp



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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:	NM_012676.1 , NP_036808.1
RefSeq Size:	1096 bp
RefSeq ORF:	900 bp
Locus ID:	24837
UniProt ID:	P50753
Cytogenetics:	13q13
Gene Summary:	tropomyosin-binding subunit of troponin; confers calcium-sensitivity to actinomysin ATPase activity in striated muscle [RGD, Feb 2006]