

Product datasheet for RN215446

Tnnt3 (NM_031532) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnnt3 (NM_031532) Rat Untagged Clone
Tag: Tag Free
Symbol: Tnnt3
Synonyms: Tnt
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215446 representing NM_031532
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTGACGAGGAACTGAACAAGTTGAGGAACAGTACGAAGAGGAAGAGGAGGCCAGGAGGAAGAAG
TCCAGGAGGAAGGGAAGTCCAAGAAGAGGAGAAAACCAAGACCCAACTTACTGCTCCTAAGATCCCGGA
AGGAGAGAAAGTAGACTTCGATGATATCCAGAAGAAGCGTCAGAACAAGGACCTCATGGAGCTCCAGGCC
CTCATTGACAGCCACTTTGAAGCTAGAAAGAAAGAAGAAGAGGAGCTAATTGCACTTAAGGAAAGAATTG
AAAAGCGCCGTGCAGAGAGGGCTGAGCAGCAAAGGATTCGCGCTGAGAAGGAGCGGGAGCCAGAACAG
ACTGGCGGAGGAGAAGGCCAGAAGAGAGGAGGAAGATGCCAAGAGGAGAGCTGAAGATGACTTGAAGAAG
AAAAAGGCTCTGTCTCTATGGGTGCCAAGTACAGCAGCTACCTGGCCAAGGCTGACCAGAAGAGAGGCA
AGAAACAGACAGCCCGGAAATGAAAAAGAAGATTCTTGCTGAAAGGCGCAAACCTCTGAACATTGACCA
TCTTAGTGATGATAAGCTGAGGGACAAGGCCAAGGAAGTCTGGGATACCTTGTACCAACTGGAGACTGAC
AAATTTGAGTTTGGGGAGAAGCTGAAACGTGAGAAATACGATATTACCACCCTCAGGAGCCGATTGACC
AAGCCCAGAAGCACAGCAAGAAGGCCGGTGCCACAGCCAAGGGCAAAGTTCGGCGGCGCTGGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031532
Insert Size: 768 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_031532.2 , NP_113720.1
RefSeq Size:	1068 bp
RefSeq ORF:	768 bp
Locus ID:	24838
UniProt ID:	P09739
Cytogenetics:	1q41
Gene Summary:	plays a role in muscle contraction [RGD, Feb 2006] Transcript Variant: This variant (8) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (8) has the same N- and C-termini but is shorter compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.