

Product datasheet for MC200381

Tnnt3 (BC003747) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnnt3 (BC003747) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnnt3
Synonyms:	fTnT
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003747
 CGGACGCGTGGGCGGACGCGTGGGCAAGGAGCCCCAGCCTTTCTCAGACTCAACTACAGATACAACCCA
 CCGCCACTATGTCTGACGAGGAACTGAACAAGTTGAGGAACAATACGAAGAGGAAGAGGAGGCCAAGA
 GGAAGAAGTCCAGGAGGAAGCCCCGAACCAGAGGAAGTCCAAGAAGATGCTGTCCCGAGGAGGAGCGG
 GAGGAGGACGAGGAAGAGGAGAAACCAAGACCCAACTTACTGTCTTAAGATCCCGGAAGGGGAGAAAG
 TAGACTTTGATGACATCCAGAAGAAGCGTCAAAACAAGGACCTCATGGAGCTCCAAGCCCTCATTGACAG
 CCACTTTGAAGCTAGAAAAGAAAGAAGAAGAGGAGCTAATCGCACTTAAAGAAAGAATTGAGAAGCGCGT
 GCAGAGAGGGCTGAGCAGCAAAGAATTCGCGCTGAGAAGGAGCGGGAACGCCAGAACAGATTGGCGGAGG
 AGAAGGCCAGAAGAGAGGAGGAGGATGCCAAGAGGAGAGCTGAAGATGACATGAAGAAGAAAAGGCTCT
 GTCCTCCATGGGTGCCAACTACAGCAGTACCTGGCCAAGGCTGACCAGAAGAGAGGCAAGAAAACAGACA
 GCCCGGAAATGAAAAAGAAGATTCTTGCCGAAAGGCGCAAGCCTCTGAACATTGACCATCTTAGCGATG
 ACAAGCTGAGGGACAAGCCAAGGAACTCTGGGATACCTTGTACCAACTGGAGACTGACAAATTCGAGTT
 TGGGGAGAAGCTGAAACGTCAGAAATATGATATCATGACTGTCCGGGCCAGAGTGAGATGCTGGCCAAG
 TTCAGCAAGAAGGCCGTTGCCACAGCCAAGGGCAAAGTCCGTGGGCGCTGGAAGTAAAAGAGCAGAGAGG
 TGCACTGCAGCAGAGACCATCAACCCTGACTCCTGCCAGGGCCCCATTATCCAGCTCTGCACTCTCCAGC
 CTTACGCCAGGCATCTTTGGGAACTCAGGACCCACCCTGTGCAATGCCCTCACCTTCTGGGTCTAG
 GAATAAAGTTATCAGACTCCCCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	BC003747
Insert Size:	819 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).



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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>BC003747</u> , <u>AAH03747</u>
RefSeq Size:	1101 bp
RefSeq ORF:	819 bp
Locus ID:	21957
Cytogenetics:	7 87.94 cM
Gene Summary:	Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. [UniProtKB/Swiss-Prot Function]