

Product datasheet for MR223334

Tnnt2 (NM_011619) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnnt2 (NM_011619) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnnt2
Synonyms:	cTnT; Tnt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223334 representing NM_011619 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGACGCCGAGGAGGTGGTGGAGGAGTACGAGGAGGAACAGGAAGAGCAAGAGGAGGCAGTGGAGG
AGGAGGAGGCTGGTGGGGCTGAACCTGAGCCTGAGGGTGGAGCTGAGACAGAGGAGGCCAACGTAGAAGA
GGTTGGTCTGATGAAGAAGCCAAAGATGCTGAAGAAGGTCCAGTAGAGGACACCAAACCAAGCCAGC
AGGCTCTTCATGCCCAACTTGGTGCCACCCAAGATCCCCGATGGAGAGAGAGTGGACTTTGATGACATCC
ACAGGAAGCGCGTGGAGAAGGACCTGAATGAGCTACAGACTCTGATCGAGGCTCACTTCGAGAACAGGAA
GAAGGAGGAAGAGGAGCTGATTTCCCTCAAAGACAGGATCGAAAAGCGTCGGGCAGAGCGGGCCGAGCAG
CAGCGTATTCGCAATGAGCGGGAGAAGGAAAGGCAGAACCCTGGCTGAAGAGAGGGCCCGGCGTGGG
AGGAGGAGAACAGGAGGAAGGCTGAGGATGAGGCCGGAAGAAGAAGGCTCTGTCCAACATGATGCACTT
TGGAGGGTACATCCAGAAGACAGAGCGGAAGAGTGGGAAGAGACAGACAGAGAGAGAGAAGAAGAAG
ATCCTGGCAGAGAGGAGGAAGGCGCTGGCCATCGACCCTGAATGAAGACCAACTGAGAGAGAAGGCCA
AGGAGCTGTGGCAGAGTATTCACAACCTGGAGGCTGAGAAGTTCGACCTGCAGGAAAAGTTCAAGCAGCA
GAAATACGAAATCAACGTTCTGCGAAACCGGATCAATGACAACCAGAAAAGTCTCCAAAACCTGTGGGAAG
GCCAAAGTCACCGGGCGTTGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_011619.3](#), [NP_035749.1](#)

RefSeq Size: 1160 bp

RefSeq ORF: 867 bp

Locus ID: 21956

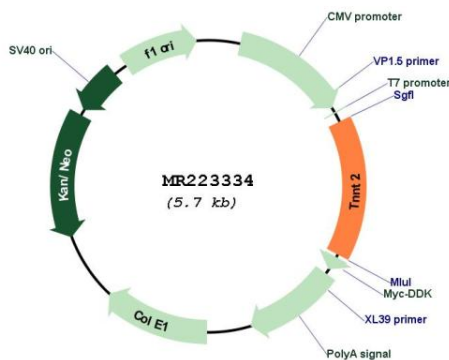
UniProt ID: [P50752](#)

Cytogenetics: 1 59.32 cM

MW: 34.7 kDa

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]

Product images:



Circular map for MR223334