

Product datasheet for MR223975

Tnnt2 (NM_001130177) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnnt2 (NM_001130177) 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:	>MR223975 representing NM_001130177 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGACGCCGAGGAGGTGGTGGAGGAGTACGAGGAGGAACAGGAAGAGGAAGACTGGAGTGAAGAAG
AGGAGGACGAGCAAGAGGAGGCAGTGGAGGAGGAGGAGGCTGGTGGGGCTGAACCTGAGCCTGAGGGTGA
GGCTGAGACAGAGGAGGCCAACGTAGAAGAGGTTGGTCTGATGAAGAAGCCAAAGATGCTGAAGAAGGT
CCAGTAGAGGACACCAAACCAAGCCCAGCAGGCTCTTCATGCCCAACTGGTGCCACCCAAGATCCCCG
ATGGAGAGAGAGTGGACTTTGATGACATCCACAGGAAGCGGTGGAGAAGGACCTGAATGAGCTACAGAC
TCTGATCGAGGCTCACTTCGAGAACAGGAAGAAGGAGGAAGAGGAGCTGATTTCCCTCAAAGACAGGATC
GAAAAGCGTCGGGCAGAGCGGGCCGAGCAGCAGCGTATTCGCAATGAGCGGGAGAAGGAAAAGGCAGAAC
GCCTGGCTGAAGAGAGGGCCCGGCGTGAGGAGGAGGAGAACAGGAGGAAGGCTGAGGATGAGGCCGGAA
GAAGAAGGCTCTGTCCAACATGATGCACTTTGGAGGGTACATCCAGAAGACAGAGCGGAAGAGTGGGAAG
AGACAGACAGAGAGAGAGAAGAAGAAGATCCTGGCAGAGAGGAGGAAGGCGCTGGCCATCGACCACC
TGAATGAAGACCAACTGAGAGAGAAGGCCAAGGAGCTGTGGCAGAGTATTCACAACCTGGAGGCTGAGAA
GTTTCGACTGCAGGAAAAGTTCAAGCAGCAGAAATACGAAATCAACGTTCTGCGAAAACCGGATCAATGAC
AACCAGAAAGTCTCCAAAACCTCGTGGGAAGGCCAAAGTCAACGGCGTTGGAAA

ACGCGTACGCGGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_001130177.2](#), [NP_001123649.1](#)

RefSeq Size: 1190 bp

RefSeq ORF: 897 bp

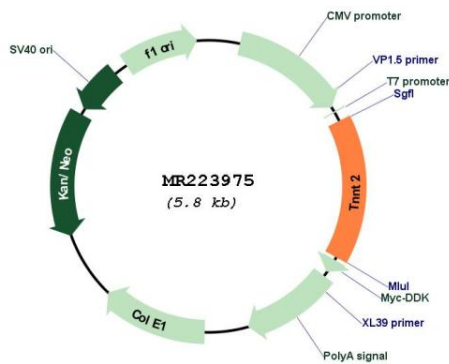
Locus ID: 21956

Cytogenetics: 1 59.32 cM

MW: 35.9 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 MR223975