

Product datasheet for **MC201385**

Tnni2 (NM_009405) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnni2 (NM_009405) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnni2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC028515 sequence for NM_009405

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GGCCTGACCTCGCTCCCAGCACTGCTGCACAGCATCTAGGATCAGAGCTTGAGATCTCAGGATGGGAGAT
GAGGAGAAGCGCAACAGGGCCATCACGGCCCGGAGACAGCACCTGAAGAGTGTGATGCTCCAGATAGCGG
CCACAGAGCTGGAGAAAGAGGAAAGCCGCCGAGAATCTGAGAAGGAGAACTACCTGTGAGAACACTGCC
GCCACTGCACATCCCAGGCTCCATGTCTGAAGTGCAGGAACTCTGCAAACAACCTGCATGCCAAGATCGAC
GTGGCTGAAGAGGAGAAAATATGACATGGAGGTGAAGGTGCAGAAGAGCAGCAAGGAGCTGGAAGACATGA
ACCAGAAGCTATTTGACCTGAGGGGCAAGTTCAAGAGGCCCCCACTTCGGAGGGTGCATATGTCTGCCGA
CGCCATGCTGAAGGCGTGTGGGCTCTAAGCACAAGGTGTGCATGGACCTGAGGGCCAACCTGAAGCAG
GTCAAGAAGGAAGACACTGAGAAGGAACGGGACCTGCGTGACGTGGGTGACTGGAGGAAGAATATTGAGG
AGAAGTCTGGCATGGAGGGCCGGAAGAAAATGTTTCGAGTCTGAGTCCTAACTGCCCACTTCCCAGTACC
ACCCTAGCATTGGGGAAGCACCCAACATCCAGTCTGGGAGTACTTGGCCTCGCTCCAATAAAGGATTAC
ATCTCAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:	EcoRI-NotI
ACCN:	NM_009405
Insert Size:	549 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).
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).



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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: [BC028515](#), [AAH28515](#)

RefSeq Size: 727 bp

RefSeq ORF: 549 bp

Locus ID: 21953

UniProt ID: [P13412](#)

Cytogenetics: 7 87.93 cM

Gene Summary: Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.[UniProtKB/Swiss-Prot Function]