

Product datasheet for **MC209556**

Tnni3 (NM_009406) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnni3 (NM_009406) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tnni3
Synonyms: cTnl; Tn1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209556 representing NM_009406
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGATGAGAGCAGCGATGCGGCTGGGAACCGCAGCCTGCGCTGCTCCTGTCCGACGCCGCTCCT
CTGCCAACTACCGAGCCTATGCCACCGAGCCACACGCCAAGAAAAAGTCTAAGATCTCCGCCTCCAGAAA
ACTTCAGTTGAAGACTCTGATGCTGCAGATTGCGAAGCAGGAGATGGAACGAGAGGCAGAAGAGCGACGT
GGAGAGAAGGGGCGCTTCTGAGGACTCGTTGCCAGCCTTTGGAGTTGGATGGGCTGGGCTTTGAAGAGC
TTCAGGACTTATGCCGACAGCTTACGCTCGGGTGGACAAAGTGGATGAAGAGAGATATGACGTGGAAGC
AAAAGTCACCAAGAACATCACTGAGATTGCAGATCTGACCCAGAAGATCTATGACCTCCGTGGCAAGTTT
AAGCGGCCACCCTCCGAAGAGTGAGGATCTCTGCAGATGCCATGATGCAGGCGCTGCTGGGGACCCGGG
CCAAGGAATCCTTGACCTGAGGGCCACCTCAAGCAGGTGAAGAAGGAGGACATTGAGAAGGAAAACCG
GGAGGTGGGAGACTGGCGCAAGAATATCGATGCACTGAGTGGCATGGAAGGCCGCAAGAAAAAGTTTGAG
GGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009406
Insert Size: 636 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_009406.3 , NP_033432.1
RefSeq Size:	854 bp
RefSeq ORF:	636 bp
Locus ID:	21954
UniProt ID:	P48787
Cytogenetics:	7 2.61 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]