

Product datasheet for **SC201379**

Troponin C (TNNC2) (NM_003279) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Troponin C (TNNC2) (NM_003279) Human 3' UTR Clone
Symbol:	Troponin C
Synonyms:	CFAP85; FAP85
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003279
Insert Size:	164 bp
Insert Sequence:	>SC201379 3'UTR clone of NM_003279 The sequence shown below is from the reference sequence of NM_003279. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TTCCTGAAGATGATGGAGGGCGTGCAG TA AGGAGTGGACAGTCGCCTCTACCAAGATCGCGTGTCCCTA GGGTGTGGGAGACTCCGCCCTGCCGGTCCCCACCAGGGAGGCGGACCCCTTGTGGTCTTTGTCTGG AAGGAATAAAAAGCAAATGTTCCAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_003279.3</u>



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Summary: Troponin (Tn), a key protein complex in the regulation of striated muscle contraction, is composed of 3 subunits. The Tn-I subunit inhibits actomyosin ATPase, the Tn-T subunit binds tropomyosin and Tn-C, while the Tn-C subunit binds calcium and overcomes the inhibitory action of the troponin complex on actin filaments. The protein encoded by this gene is the Tn-C subunit. [provided by RefSeq, Jul 2008]

Locus ID: 7125

MW: 6.3