

Product datasheet for **SC202789**

Tropomyosin 2 (TPM2) (NM_003289) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Tropomyosin 2 (TPM2) (NM_003289) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TPM2
Synonyms:	AMCD1; DA1; DA2B; DA2B4; HEL-S-273; NEM4; TMSB
ACCN:	NM_003289
Insert Size:	257 bp
Insert Sequence:	>SC202789 3'UTR clone of NM_003289 The sequence shown below is from the reference sequence of NM_003289. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACGCACTCAATGACATCACCTCCCTCTGAGCCCCACGCCAGCGTGGCCACCTCAGTCTCTTCTCTCC TCTCCTTTCCATTCTCTATGGGGAGGGGAGCAGGCAGGAGGAGCAGAAATTGCCAACATTGCACAGC CAGGCTGGGAGCAGCCTAGGGAGAGCCCCATCATGCCACCACCCACTCTGGCACTGGCTTCATCCTT TACCTATCCCCTTCCACCCTCCTTTGCTGCTTAATAAATTCTGAACTTGG ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	SgfI-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_003289.4</u>



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Summary: This gene encodes beta-tropomyosin, a member of the actin filament binding protein family, and mainly expressed in slow, type 1 muscle fibers. Mutations in this gene can alter the expression of other sarcomeric tropomyosin proteins, and cause cap disease, nemaline myopathy and distal arthrogyriposis syndromes. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2009]

Locus ID: 7169

MW: 9.1