

Product datasheet for **SC215853**

TPM4 (NM_003290) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TPM4 (NM_003290) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TPM4
Synonyms:	HEL-S-108
ACCN:	NM_003290
Insert Size:	1686 bp



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Insert Sequence: >SC215853 3'UTR clone of NM_003290
 The sequence shown below is from the reference sequence of NM_003290. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGACACTAAACGAACTTAACTGTATATAAGCAAAACAGAAGAGTCTTGTTCCAACAGAACTCTGGAG
CTCCGTGGGTCTTTCTCTCTCTGTAAAGAAGTTCCTTTTGTATTGCCATCTTCGCTTTGCTGAAAT
GTCAAGCAAATTATGAATACATGACCAAATATTTGTATCGGAGAAGCTTTGAGCACCAGTTAAATCTC
ATTCTTCCCTTTTTTTTTCAAATGGCACCAGCTTTTTCAGCTCTCTATTTTTTCTTAAAGTAGCATT
TATTCCTAAGGTAGGCAGGGTATTTCTAGTAAGCATACTTTCTTAAAGACGGAGGCCATTTGGTCTCTG
GGAGAATAGGCAGCCCCACACTTTGAAGAATACAGACCCAGTATCTAGTCGTGGATATAATTAACG
CTGAAGACCATAACCTTTTGGTCAACTGTTGGTCAAACATAGGAGAGACCAGGGACCATCACATGGG
TAGGGATTTTCCATCCAGAGCCAATAAAAGGACTGGTGGGGGCCGGGGTGGCTATTGTGGGAAGTCAT
AACCCACAGATAGATCAACCTAAGAATCCTGGCCCTTCTCCACTCTCCACCATGCAGGACAAACATCTT
CTCAAGCAGTCAACGTAGAATGCTTGGGAAATAGTCATAATTACCCACATATAGTAATTAATAGATGGT
AATTAATTGATCCTTGATGTGATGTTCTTTTGCATATTTCTTCAATTCTAAAGTTGTTCCCTGGCCGGG
AGCGTTGGCTTTTCGCTGTAATCCCAACACTTTGGGAGGCCAGGACAGATCACTTGAGGTGAGGAGTTC
GAGACCAGCCCAGCCAACATGGCGAAACCATGTCTCTACTAAAAATACAAAAATTATGGTGACGCCTGC
CTGTAGTCCCAGTACTCGGGAGGCTGAGGCAGGAGGATCGCTTGAACCCAGGAAGTGGAGACTGCAGT
GAGCCGATATCGCACCACAGCGCTCCAGCCTGGTCGACAGAGTGAGACTCCATCTCAAGAAAAATAAAA
AATAAAGTTGTTCTCTGAAGAGCAAATGTCTCATTCCAGTAATGACCCACTCAGCAGGAATATGGTGGA
GTTCAAGTCCAATTCAGGTCAGCCATATCCAAAAGACCACAAGTCATTACTAAGTTGAGCAAAAGAGTTT
TTATCTATTAGCAGAAAGGCCTCTCTGCGAGCAGAGATTA AAAACTGGCCCAACTTCAATTTCCATACT
TCAGGGAACAGCAAATTGAGGATTTACTTATCTAGGACTTGAATTCCTTCTTTGGGACCAAGTTAATAA
AAGACCAAGAACTCCTGATTAACCTGGATAATGAAGGATTCTGTAGACAGGGCTGCACGTATCGGCTT
TGTTTGACTTCTTTTTCTCAGTTAACATCTCAGAGCTAGAACATTCCACATTTCCCAGCAGCGTGTGG
GGGCTGACTAAAGTTTACAATTCAACTAAAAATCACCTGCTTCTGGCTTATCTGAATCCCTTACCCA
CCCCCCCCACCACCCTACTCTATTTATTCAGCACCACACTACCAGGAAATACACTAGCAAATTTGTG
CAATGGAATAAAATCCCACTTTAGATTCTTGCAACTGTATCATATGTAATAGTATCACTTTTTTCTACA
TTTTGGTCAAATAAATTTTTACATAAACTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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: [NM_003290.3](#)

Summary: This gene encodes a member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosins are dimers of coiled-coil proteins that polymerize end-to-end along the major groove in most actin filaments. They provide stability to the filaments and regulate access of other actin-binding proteins. In muscle cells, they regulate muscle contraction by controlling the binding of myosin heads to the actin filament. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2009]

Locus ID: 7171

MW: 63.7