

Product datasheet for **SC215503**

MYH10 (NM_005964) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MYH10 (NM_005964) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MYH10
Synonyms:	NMMHC-IIB; NMMHCB
ACCN:	NM_005964
Insert Size:	1610 bp



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Insert Sequence:	<p>>SC215503 3'UTR clone of NM_005964 The sequence shown below is from the reference sequence of NM_005964. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACGAGACGCAGCCACCCAGTCAGAGTAAGTTGCAGGAAGCCAGAGGAGCAATACAGTGGGACAGT TAGGAATGCACCCGGGGCCTCCTGCAGATTTTCGGAAATTGGCAAGCTACGGGATTCTTCCTGAAAGAT CAACTGTGTCTTAAGGCTCTCCAGCCTATGCATACTGTATCCTGTTCAGACTTAGGTACAATTGTCTCC CCTTTTTATATATAGACACACACAGGACACATATATTAACAGATTGTTTCATCATTGCATCTATTTTC CATATAGTCATCAAGAGACCATTTATAAAACATGGTAAGACCCTTTTAAAACAACTCCAGGCCCTT GGTTGCGGGTCGCTGGGTATTGGGGCAGCGCCGTGGTCGTCAGTCGCTCTGCATGCTCTCTGTGC ATACAGACAGGTAACCTAGTTCTGTGTTACGTGGCCCCGACTCCTCAGCCACATCAAGTCTCCTAGA CCACTGTGGACTCTAACTGCATTGTCTCTCTCATTTCCTTCAAATAATGATCAATGCTATTTTCAGTG AGCAAACGTGAAAGGGGCTTTGGAAAGAGTAGGAGGGGTGGGCTGGATCGGAAGCAACACCCATTTGG GGTTACCATGTCCATCCCCAAGGGGGCCCTGCCCTCGAGTCGATGGTGTCCCGCATCTACTCATGT GAACTGGCCTTGGCGAGGGCTGGTCTGTGCATAGAAGGGATAGTGGCCACACTGCAGCTGAGGCCCCAG GTGGCAGCCATGGATCATGTAGACTTCCAGATGGTCTCCCGAACCGCCTGGCTCTGCCGGCGCCCTCCT CACGTCAGGAGCAAGCAGCCGTGGACCCCTAAGCCGAGCTGGTGGAAAGGCCCTCCCCATCGCCAGCCG GGCCCTCATGCTGACCTTGCAAATTCAGCCGCTGCTTTGAGCCAAAATGGGAATATTGGTTTTGTGTC CGAGGCTTGTCCAAGTTTGTCAATGAGGTTTATGGAGCCTCCAGAACAGATGCCATCTTCTGAATGT TGACATGCCAGTGGGTGTGACTCCTTCATTTTTCTTCTCCCTTCCCTTTGGACAGTGTTACAGTGAAC ACTTAGCATCCTGTTTTGGTTGGTAGTTAAGCAAACAGCATTACGGAAAGTGCCTTAGACACTACAG TACTAAGACAATGTTGAATATATCATTGCGCTCTATAACAATTTAATGTATTAGTTTTGACTGTGCTT CATATCATGTACCTCTCTAGTCAAAGTGGTATTACAGACATTCAGTGACAATGAATCAGTGTAAATTCT AAATCCTTGATCCTCTGCAATGTGCTTGAAAACACAAACCTTTTGGGTTAAAAGCTTTAACATCTATTA GGAAGAATTTGCTCTGTGGGTTTGGAACTTTGGATTTTCCCCCTTATGAACTGTACTGGCTGTTGACC ACCAGACACCTGACCGCAAATATCTTTTCTGTATTCCCATATTTCTAGACAATGATTTTTGTAAGACA ATAAATTTATTATTATAGATATTTGCGCTGCTCTGTTACTTGAAGAAAAAGCACCCGTGGAGAAT AAAGAGACCTCAATAACAAGAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
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_005964.5

Summary: This gene encodes a member of the myosin superfamily. The protein represents a conventional non-muscle myosin; it should not be confused with the unconventional myosin-10 (MYO10). Myosins are actin-dependent motor proteins with diverse functions including regulation of cytokinesis, cell motility, and cell polarity. Mutations in this gene have been associated with May-Hegglin anomaly and developmental defects in brain and heart. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Locus ID: 4628

MW: 61