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Product datasheet for SC215400

MYPN (NM_032578) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MYPN (NM_032578) Human 3' UTR Clone
Symbol:	MYPN
Synonyms:	CMD1DD; CMH22; MYOP; NEM11; RCM4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032578
Insert Size:	1592 bp

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Insert Sequence:

>SC215400 3'UTR clone of NM_032578
The sequence shown below is from the reference sequence of NM_032578. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGAGTGTAGTGGAGAGTGATGAACTTTAAGAATGTCTAGGTACCTGCTGTGTAAGAGAGCGGACTGTG
GAGGGGGAATGAGAACAAGCCAGACTTGGTGGTTTCCAAGCAACCGAAGTTGAGTAAGTTCCCACACTG
CTGGACCTGTGGCAAAGAGTGCTTTGAATAAGTCAGCTAGGGATTCTTGCAGTCTCAGCTGAGGGAGAA
AGGTAGGGCTGTGCCTTCTAAAGATTCCAACAGAGATGTGAGAAGATAATACAGATGAACCAAAGATGT
CACACAGTTGCCATCCACTGCTTTGGGAAAAAACTAGCATGCTCCCCTGCTCCCTGTTGTGTTAGGGAT
GTTTAGGTCATACTAGGAGCAATTAGGAGCCATATGCCTGGGCTGAGAAGAGCTAGGCAGTAGTGACCT
TAGGATATGACTAACTCACCAAACAATGCCAAGGAGAAAGGCGGACAGGTCACCATCACCTTTCATCGA
TTACATGTATAGCAGTAGTTTTGGTGAATTCACCAAATCAGCTTCCACTTAGCATTAGGAGGTCATGCC
ATACAACTCACGTATGCGGGCAAACACTTTTGATTTGCATATCCTGGGTGTACTGAGCCACATAATAAG
GTGTCAAAATGTGCTTGAGATTCCAAAAACTTGCTGAAACACTTGATATTGCACAGTGCACTTATTTTG
TGGCCAAAGCATGGCCTTACCAGCTTGTCTGCACTATTTTCTTTTGGGTGGTGACTGTTTTTTTCTGAC
TTTGCATATCCCTAGACACTAGAACTAAAGGATTGGTAATAAACCAATCAGAAAGAAATCCTCTGTGGG
GTCACTTTAAAAACTACTAGCTTCAACTACCACTTACAAAATGTGCAAGAGTCATCATTTGCCCATAAA
ATACACCTCATGGGCTCCTACCCCTTTCCCCAAAAGTCTGAAAGTGTAGGAGGAAGGAAGAGATACAAA
CAAGGAGAGGAAATGATGGGAGAGTGTTGTTTTTGTCACTTGCCCCAGCAGAGCAGGGGTTTTGGAAGG
AGAGGTCTTTAATAGCTTTGAAATGCTTTGAGATCATTGGTCAAATTGCATTTTCTATGTAGAGAATAT
TCTGCTAGGTGGAAAAGTTGGGAGAAAGGGGAATATGCATCTTTATTCTAATCACCAATTCAAACCCTG
CCTCTTAAGGAATTTTTAGACTTAAGTTCACTGTGATATCCCTAGTACCTAGAAGAGTACCTAGCACAA
AGTAGACATTCAATAAATATTTGCTGGTTGAATGAATCTTCTGTTATTATGTCTATTATAAGATAACCT
AATCTTATATTCTGCAGGAATATGCCACCCACACACCAGTCCAAACACTGCCCTGGGAATGCTCATCAC
AGCACAGTTTGCTCTAGGCTGTGCAGGGAAATGAATTGCAGGTGTCTGTTTTCAATTCCCTGTGCTGGA
ATCCCTGGTGCTGTCTGTGCCAAGCACACTCAGCTGGCATTGTATTTGTGTGAACAGACAGTAACTGCT
TAGAAAGGCTTGAAACTGTCTTCACTTCAAGGCAAGGATTTCCAGCATAAAAATAAATTCATTCACTGG
AGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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: NM_032578.4

Summary: Striated muscle in vertebrates comprises large proteins which must be organized properly to contract efficiently. Z-lines in striated muscle are a sign of this organization, representing the ends of actin thin filaments, titin, nebulin or nebulette and accessory proteins required for structure and function. This gene encodes a protein which interacts with nebulin in skeletal muscle or nebulette in cardiac muscle and alpha-actinin. In addition, this gene product can interact with a protein with the I-band indicating it has a regulatory as well as structural function. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]

Locus ID: 84665

MW: 60.3