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Product datasheet for MC224800

Myom1 (NM_010867) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myom1 (NM_010867) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Myom1
Synonyms:	D430047A17Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224800 representing NM_010867 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCTCTGCCCTTTTATCAGCGGTCCCATCAGCACTATGATCTCAGTTACCGGAACAAGGACCTTCGCA CGACCATGAGCCACTACCAACAGGAGAAGAAGCGCTCTGCTGTCTACACCCATGGCTCCACTGCCTACAG CAGCCGCTCCTTGGCAGCACGCCGCCAGGAGTCAGAGGCCTTCAGTCAAGCATCAGCCACCTCTTACCAG CAGCAGGCCTCACAGACCTACAGTCTTGGAGCATCATCATCATCCCGGCATTCTCAAGGGTCTGAAGTCA GCCGGAAGACAGCCTCTGCATATGATTACGGCTATTCCCACGGACTCACAGATTCCAGTCTGCTATTAGA AGATTATTCATCCAAGTTGAGCCCCCAAACAAAGAGAGCCAAGCGGAGCCTTCTGTCTGGAGAGGAGACT GGAAGCTTGCCAGGCAACTACCTGGTGCCTATCTACTCTGGACGGCAAGTGCACATCAGTGGGATCAGAG ACTCGGAAGAAGAAAGAATTAAAGAGGCTGCTGCTTATATCGCTCAGAAGACTCTCCTTGCGAGTGAGGA AGCTATTGCAGCTTCCAAACAGAGCACAGCCTCCAAACAGTCCGCAACCTCCAAACGGACCACGTCCACC CTTCAACGAGAGGAAACGTTTGAAAAGAAGTCGAGGAACATTGCAATTCGAGAAAAGGCGGAAGAGCTGT CACTGAAGAAAACATTAGAAGAGACCCAAACATATCACGGCAAGCTAAATGAAGACCATCTCCTTCATGC TCCTGAGTTTATCATTAAGCCTCGTTCTCACACAGTTTGGGAGAAGGAGAATGTGAAGTTGCACTGCTCT GTAGCAGGGTGGCCAGAGCCTCGGCTCACGTGGTATAAGAACCAGGTGCCTATAAATGTCCATGCAAACC CGGGAAAGTACATCATTGAAAGCCGATACGGAATGCATACTCTTGAGATCAGCAAATGTGACTTTGAAGA CACAGCTCAGTACCGGGCCTCGGCGATGAATGTTCAAGGAGAGCTGTCAGCATATGCCTCAGTCGTAGTA AAGAGATATAAGGGAGAACTGGATGAGTCTCTCCTCCGTGGTGGGGTTTCCATGCCTCTCAGCTTTGCTG TGACCCCTTACGGTTATGCATCCAAGTTTGAGATCCACTTCGATGACAAGTTTGATGTGTCTTTTGGGAG AGAAGGAGAGACCATGAGTCTGGGCTGTCGCGTAGTCATCACTCCTGAGATAAAGCACTTTCAGCCCGAG GTCCAGTGGTATAGAAATGGAGCACCTGTTTCTCCATCAAAATGGGTGCAGCCACACTGGAGTGGAGACC GGGCGACACTTACGTTCTCTCACCTCAACAAAGAAGATGAAGGTCTCTACACGATCCGAGTGCGAATGGG AGAGTATTACGAACAGTACAGTGCTTACGTCTTTGTTCGAGATGCTGATGCAGAGATCGAAGGAGCCCCA GCTGCACCCTTGGATGTGGTGTCTTTGGATGCTAACAAGGATTACATCATCATCTCTTGGAAGCAGCCAG

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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_010867
Insert Size:	5004 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_010867.2, NP_034997.2
RefSeq Size:	5613 bp
RefSeq ORF:	5004 bp
Locus ID:	17929
UniProt ID:	Q62234
Cytogenetics:	17 E1.3
Gene Summary:	May link the intermediate filament cytoskeleton to the M-disk of the myofibrils in striated muscle. May also contact myosin filaments. Also binds beta-integrins.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).