

Product datasheet for **MC225063**

Myh8 (NM_177369) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myh8 (NM_177369) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Myh8
Synonyms:	4832426G23Rik; AI327267; MHCp; Myh; MyHC-; MyHC-pn; Myhs; Myhs-p; Myhsp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225063 representing NM_177369 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGCGGGTTCGGACGCGGAGATGGCTATTTTTGGCGAAGCTGCTCCTTACCTCCGAAAATCGGAGA
AGGAGAGGATTGAGGCCAAAATAAGCCTTTTGACGCAAAAACATCTGTCTTTGTGGCGGAGCCCAAGGA
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GTGGTGGCAGCCTACCGAGGCAAAAAGCGCCAGGAGGCCCCACCCACATCTTCTCCATCTCTGACAACG
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GAGTCTGGCAAAATGCAGGGGACCCTGGAAGATCAAATCATCAGTGCTAACCCCTGTGGAGGCCCTTTG
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CAACACCAAGAAGAAGCTGGAAAATGATGTTTCACAGCTGCAGAGTGAAGTGAAGAAGTGATTCAAGAG
TCACGCAATGCAGAAGAGAAGGCTAAGAAAGCCATTACTGATGCCGCCATGATGGCGGAGGAGCTGAAGA
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GCAGGACCTGGTGGACAAATTACAGGCGAAGGTGAAATCCTACAAGAGACAGGCTGAGGAGGCTGAGGAA
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GTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_177369
Insert Size:	5814 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:	<ol style="list-style-type: none">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_177369.3 , NP_796343.2
RefSeq Size:	6149 bp
RefSeq ORF:	5814 bp
Locus ID:	17885
UniProt ID:	P13542
Cytogenetics:	11 40.59 cM
Gene Summary:	This gene encodes a myosin heavy chain. The encoded protein forms a hexamer with two heavy chains, two alkali light chains, and two regulatory light chain components. This complex functions in muscle contraction. This gene is located in a cluster of related genes on chromosome 11. [provided by RefSeq, Jun 2013]