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Product datasheet for MC224569

Myh2 (BC008538) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myh2 (BC008538) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Myh2
Synonyms:	Myh2a, MHC2A, MyHC-IIa
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC008538 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGAGCTCCGACGCCGAGATGGCCGTTTTCGGGGAGGCTGCCCCTTACCTCCGGAAGTCCGAAAAGGAGC GAATCGAGGCCCAGAATAGGCCTTTTGATGCCAAAACATCTGTCTTTGTGGCGGAGCCCAAGGAATCCTT TGTCAAAGGAACCATTCAGAGCAAAGATGCAGGGAAAGTGACTGTGAAAACAGAAGCAGGAGCGACCCTG ACTGTGAAAGAAGACCAGATCTTCCCCATGAACCCTCCCAAGTACGACAAGATCGAGGACATGGCCATGA TGACCCACCTGCACGAGCCCGCTGTGCTGTACAACCTCAAAGAGCGTTATGCAGCCTGGATGATCTACAC CTACTCAGGCCTCTTCTGTGTCACCGTCAACCCTTACAAATGGCTGCCGGTGTACAACCCCGAGGTGGTG GCAGCCTATCGAGGCAAAAAGCGCCAGGAGGCCCCGCCCCACATCTTCTCCATCTCTGATAACGCCTACC AGTTCATGCTAACAGACAGGGAGAATCAGTCAATCCTGATCACCGGAGAATCCGGGGCCGGGAAGACTGT GAACACGAAGCGTGTCATCCAGTACTTTGCAACAATTGCAGTCACTGGGGACAAGAAGAAGGAGGAGGCA ACTTCTGGCAAAATGCAGGGGACACTGGAGGACCAAATCATCAGCGCCAACCCCCTGCTGGAGGCCTTTG GGAACGCCAAGACCGTGAGGAACGACAACTCGTCTCGCTTTGGTAAATTCATCAGGATCCACTTTGGCAC TACGGGGAAACTGGCATCTGCCGACATCGAGACCTATCTGCTAGAGAAGTCCCGGGTCACTTTCCAGCTT AAGGCGGAAAGAAGCTACCATATATTTTATCAGATCACATCCAACAAGAAGCCAGAACTGATCGAAATGC TGCTGATCACCACGAACCCATATGATTACCCGTTTGTCAGCCAGGGAGAGATCAGTGTGGCCAGCATTGA TGACCAGGAAGAGCTGATGGCCACTGATAGTGCTATCGACATTTTGGGCTTTACAAATGATGAAAAAGTC TCCATCTATAAGCTCACCGGTGCTGTGATGCATTATGGGAACATGAAGTTCAAGCAGAAGCAGCGGGAGG AGCAGGCAGAGCCAGATGGCACCGAAGTTGCTGACAAGGCTGCCTATCTTCAGGGTCTGAACTCTGCTGA CCTGCTCAAAGCCCTCTGCTACCCCAGGGTCAAGGTCGGCAATGAGTATGTCACCAAAGGCCAGACTGTC GAGCAGGTGACCAATGCTGTGGGTGCCCTGGCCAAGGCCATGTATGAGAAGATGTTCCTGTGGATGGTCA CCCGCATCAACCAGCAGCTGGACACCAAGCAGCCCCGGCAGTACTTCATCGGGGTCTTGGACATCGCTGG CTTTGAGATCTTTGATTTCAACAGCTTGGAACAGCTGTGCATCAACTTCACCAATGAGAAACTGCAACAG TTTTTCAACCACCACATGTTCGTGCTGGAGCAGGAGGAATACAAGAAGGAGGGCATCGAGTGGACCTTCA

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GAGAAAGCCAAGAAAGCCATCACTGATGCCGCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	BC008538
Insert Size:	4797 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:	BC008538, AAH08538
RefSeq Size:	5595 bp
RefSeq ORF:	4796 bp
Locus ID:	17882
Cytogenetics:	11 40.59 cM