

Product datasheet for **MC224514**

Myom2 (NM_008664) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Myom2 (NM_008664) Mouse Untagged Clone
Tag: Tag Free
Symbol: Myom2
Synonyms: AW146149
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224514 representing NM_008664
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTCCCTGGTCGCAGTGCCTTTCTACCGAAAAGACACAAGCACTTTGACCAGTCATATCGAAACATCC
 AAACAGGTACCTCCTGGACCAATATGCATTGAAAAGCAAGCAACCACCCAGTCATCCTCCAGAGGTC
 TCTTACAGAGAGGTCCTTTCGAAGAGAGCTTCCAGTCAGAGCTCTGCTGGGGCGATGACCTGCAGGCTC
 TGTGCAAAGCGGGTGAGCGCATCAGAAGAGGAGGAAGTTGAAAATGAAAACAGGTACCGTCTCAAGCGG
 CTCTTACGGAGAAGCTAAGAGGCAGCGTTTCCTCAGTGAGCTGGCCAGCTGGAGGAGAATGTCCACCT
 GGCCCGGTACAGGCTCGGGACAAGCTAGACAAGTACTTCATGGAGCAGACGGTGAAGACAATCTGGCG
 TGGGAGAGACACTCATTGAAGACCGAATGAGCAGGGCCCTGAGATCCTGGTGAGGTTAAGGTCCACACA
 CCATCTGGGAGCGGATGTCTGTGAGGCTCTGTTTCACTGTGCAAGGATCCCCACGCCTGTGGTGAATG
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 GTGCACACTCTGGAGATCAACAGGGCAACTTTGAGGACACCCACCTATTCAGCAGTAGCAACTAATT
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CCACTAATGTCCAGGCCTCAGAGGTCAGCAGGAACACTCGTTGTCCTCAGCTGGGATCCTCCATCTCCCCG
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 GCTCAAACGGCGGTGAGATCTCCTCGGTATGCTGTCTTTGACTTGGCTGAAGGGAAGTCTACGTGTTCC
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 CGATAAGGGCCAGTCCGATTCTGGCTGCAGGCAGACCTTTCCCTGATGCCAGCTCCCGTTCCATC
 ATTAATGACAGAGAGGTTTCTGACAGTGACACGCACAGAATTAATGTGACAGATCGACAGGCATGATTG
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 CAAGAATCAGTCACTGCTGCTCATTGGAGATGCATTCAAGGCTGTCTAGAAGAGGCTGAATTTCAA
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 TGTTCTTTACGAAACGGAGACACCGCCAGACCTGGAGAAGGGGCTGTGAGCTGCTTATACCAAGTTG
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 TGGCAAAGACAGCCCAACGCTCGCTGGACCTCTCTGGACAAGCTTTTACGAAGCCTACGCTGAGTTC
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 TGACCATAAATGGAAGGCAAGACCTTGAACCTCACCTGCACTGTGTTTGGAAACCCCGACCCTGAGGTGGT
 CTGGTTTAAGAACGACAAGGACATTGAGCTCAGCGAGCACTTCTTGGTGAAGATGGAGCAGTCCAAGTAT
 GTCAGCCTGACCATCCAGGGGGTACGGCCGAGGACTCGGGCAAGTACAGCATCAACGTGAAGAATAAAT
 ACGGAGGAGAGAAGATCGATGTCAGTGTGACAGTGTGTAACAACACGGGGAGAAGATCCAGACATCTCACC
 TCCCAGCAGGCCAAACCAAGCTCATCCAGCTTCCACCTCATCTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008664
Insert Size: 4392 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:	<u>NM_008664.2</u> , <u>NP_032690.2</u>
RefSeq Size:	4953 bp
RefSeq ORF:	4392 bp
Locus ID:	17930
Cytogenetics:	8 A1.1