

Product datasheet for **MC224773**

Myo3a (NM_148413) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Myo3a (NM_148413) Mouse Untagged Clone
Tag: Tag Free
Symbol: Myo3a
Synonyms: 9030416P08Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224773 representing NM_148413
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGATGACAGAAACCTTTGAGATGCTTCCATTAATTGGAAAAACAATCATCTTTGATAACTTTCTCG
ATCCTTCTGATACATGGGAAATCATTGAAACCATCGGCAAAGGAAGTATGGGAAGGTTTTCAAAGTCT
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GAAGCAGAGTATAACATCTTAAGAACACTTTCTGACCACCAAAATGTGGTCAGATTCTACGGGATTTACT
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GAAGCACTAATGGGACTTCAGCATCTTCATAGCAACAAAACCAATCCACCGTGATGTCAAAGGAAATAACA
TCCTGTTGACTACTGAAGGTGGAGTAAACTAGTAGATTTTGGTGTGTCTGCACAGCTCAGCAGCACCCG
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CTAGATACCACCTACGATGCTAGATGTGACACATGGTCCCTGGGTATCACGGCTATTGAGCTTGGTGATG
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ACTCCGGCAGCCTGAGCTGTGGTCCGCAGAGTTCAATGACTTCATTAGCAAATGCTTGACCAAGATTAT
GAAAAGCGTCCAACAGTGCAGATCTTTTGAAGCATAAAATTTACTCAGATCGAGGGCAAAGATGTGA
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 AGATACCATACTCAGAAGAAAATGAGCAATGTGTATGCAGAAGGACAGAATCAAGAGCTATATTTGTGG
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 CTGTGTCCATTATAGCAAAATACCAGAGTTCCAAGAAAAAGCAACAGCTGGGAAAGGACAGGCTGGCACC
 TCCCTTTAAGAATCAAAGATCCTTTTCATCGTCCACAGAAGTAGCAAAAACCACTCACAATGTCTATCCC
 TGTCCGACAAAGCAGGAGGGAGTCCATCATAGCAAGATGGTGGATGAGAGAGACTCAAAAATGGCTTCAA
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 GCAGAAAACTTGAATGAAATTTTTGGCCAGCAACTGAAGCCATTTTATCTAGGTATCTATCGCCAT
 AAACCAATCAACAGACATGTTTCTACTACCAATACCTCTCAGGTGTCTTAAAGGGGAAGAACCAAAAA
 TACTGAGACCTCAAGACGACCTCGAAACCAAAAACATAAATAACCCTGAAGACTCCACATACTACTA
 TCTACTCCATAAGTCAACCAAGAAGAAAAACGGAGACCAGGAAAAGACAGTCAAGGGAAGTTATTAGGT
 TTGGAAGATTTCTATTATAAGGAATTTTTGCCTACTCATTACGGACCCAAGGCACATAGCTCTAATGCAA
 GAGAATGGAAGCACTGAAGGAACCCAGGCTCAACCCATTGAGAGTAATGAGAGGTGTTGGACCACCTC
 AGAGAATGAGAGCCTGGAGGAAGAGAGGATTTAGCCAAACCTTATGACTACAGGAGGCTCTGCGCAA
 ACCTCCAGCGGACGCGCTGGTGCAGCAGTTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_148413
Insert Size:	4866 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_148413.3</u> , <u>NP_680779.3</u>
RefSeq Size:	5082 bp
RefSeq ORF:	4866 bp
Locus ID:	667663
Cytogenetics:	2 A3