

Product datasheet for RN217730

Myof (NM_001191636) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Myof (NM_001191636) Rat Untagged Clone
Tag: Tag Free
Symbol: Myof
Synonyms: Fer1I3; RGD1564216
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217730 representing NM_001191636
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTTCGAGTGATTGTGGAATCTGCTACTAACATCCCTAAAACGAAATTTGGGAAACCGGATCCTATCG
 TTTCTGTCATTTTAAGGATGAGAAAAAGAAAACAAAGAAAGTTGATAATGAACTCAACCCTGTCTGGAA
 TGAGATTTTGAATTTGACTTGAGGGGGATACCACTGGACTCTTCATCTCCCTGGTGATTGTTGTCAA
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AGGGAGAAGGGGTGGCCTACAGAGGCAGGATCTTGTTGAACTGAACACGTTCCCTTGAAAAGAAACCACC
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TGCAATCAAACATCGAGGCTGTAATAATCAGGAATCCAAGGTAAAATCCCACAAAACCGATTGGCAGAGCT
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GAATGCACGGTTAGGATTTACATTTGTTCAAGGCTTACAGCTCCAGCCCCAGGACAACAATGGCCTGTGTG
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CAACCCAGTGTTCGGCAGAAATGTATGAACTGAGCTGCTACTTACCTCAAGAGAAAAGCCTGAAGATCTCT
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TCTGAAGATGGAAGCAGGATCCAATATGGAGGAAGAGACTATCATCTGGATGAGTTTGGGCCAACAAAA
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CCCTGAGCACGTGGAGACAAGGACTTTGCACAGCACCTTCCAGCCCAATATTTCCAGGGAAAACCTTCAG
 ATGTGGGTGGATGCTTCCCAAGAGTCTAGGACCACCAGGTCCCCTTTCAACATCACTCCCAGGAAAG
 CCAAGACGTAATCTGCGTGTATCATCTGGAATACCAGGGACGTTATCTTGGATGAGAAGAGCATCAC
 TGGGGAGGACATGAGCGACATCTACGTCAAAGGCTGGATTTCCGGCAGCGAAGAAAACAACAGAAAACA
 GATGTCCACTACAGGTCCTTGGATGGCGAAGGCAATTTAACTGGAGATTGTTTTCCCATTTGACTACC
 TCCCCGCTGAGCAGCTGTATCGTCGCTAAAAAAGAGCATTCTGGAGTATTGATCAAACAGAATTCCG
 AGTGCCCTCGGCTGATCATTACGATATGGGACAATGACAAGTTTTCCCTGGACGACTACTGGGTTTT
 CTGGAACCTCGACTTGCATCGTACGATCATCCAGCCAAGACCTCGGAGAAATGCAGTTTGGACATGATTC
 CAGACCTCAAAGCCATGGACCCTCTTAAGGCTAAGACTGCTTCTCTCTTTGAACAGAAGTCCATGAAAGG
 CTGGTGGCCATGCTACGCAGACAAAGATGGCTCCCGCTGATGGCTGGGAAAGTGGAGATGACACTGGAG
 GTCCTCAACGAGAGGGAGGCCGACGAGAGGCCAGCCGGGAAAGGGCGGAGTGAACCAACATGAACCCCA
 AGCTTGACCCACAAACCGACCGAAACCTCCTTCTCTGTTTACGAACCTTGAAGACCATGCGCTT
 CATCGTGTGGCGCGTTCAAGTGGGTGATCATCGGCTGCTTCTGCTGCTCATCTGCTGCTGTTCTG
 GCTGTGCTCCTGTACTCGCTGCCAACTATTTATCCATGAAGATTGTGAGGCCAAATGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191636
- Insert Size:** 6153 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191636.1](#), [NP_001178565.1](#)
- RefSeq Size:** 7235 bp
- RefSeq ORF:** 6153 bp
- Locus ID:** 309499
- Cytogenetics:** 1q53