

Product datasheet for **MC206289**

Myo1f (BC046502) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Myo1f (BC046502) Mouse Untagged Clone
Tag: Tag Free
Symbol: Myo1f
Synonyms: C330006B10Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC046502
AAAGAGGGGCTGTTACAAGAGGAACTAGGGCCAAGAGCCTGTGAAGGAGGAGAGCCATGCCAGAGCCACC
CCCTAGAACCCCTCTGAGCCTGCACCCCTGTTCATTACCCACAGGAGCCTACATACCATCCCTCACCATGGG
CAGCAAGGAGCGCTTTCAGTGGCAGAGTACAACGTGAAGCAGAGTGGAGTGGATGACATGGTGCTGCTG
CCCCAGATCACCGAGGACGCCATTGTGAGCAACCTCCGCAAACGTTTCATGGATGACTACATTTTACAT
ACATCGGCTCAGTGCTAATCTCTGTAACCCCTTCAAGCAGATGCCCTACTTCACTGACCAGAAATTGA
CCTCTATCAGGGCGCGGCTCAATATGAGAATCCCCCGCACATCTATGCCCTCACCGACAACATGTACCGG
AATATGCTGATCGACTGTGAGAACCAGTGTGTCATTATCAGTGGGAGAGCGGAGCTGGGAAGACAGTGG
CTGCTAAATACATCATGGGCTACATCTCCAAGGTGTCTGGTGGGGAGACAAGGTCCAGCACGTCAAAGA
CATAATCTACAGTCAAACCCACTGCTTGAAGGCTTTCGGCAATGCCAAGACCGTGGCAACAACAATTCC
AGCCGCTTTGGCAAGTACTTTGAGATCCAGTTCAGTTCGAGGTGGAGAGCCAGATGGAGGCAAGATCTCCA
ACTTCCTGCTGGAAAAGTCTCGTGTGGTATGCAGAATGAGAATGAGAGGAACTCCACATCTACTACCA
GCTTCTGGAAGGGCCTCCCAGGAGCAGCAGCAACCTAGGACTCATGACGCCAGACTACTACTACTAC
CTCAACCAATCAGACACCTACAAGGTGGAAGGCACTGATGACCGAAGTGACTTCAGCGAGACCCTGAGCG
CCATGCAAGTCATCGGGATTCCGACAAGCGTGCAGCAGCTTGTCTTGCAGCTCGTGGCAGGGATCTTGCA
CCTGGGGAACATCAGCTTCTGTGAAGAAGGGAATTATGCCCGCTGGAGAGCGTAGACCTTAGCTTTT
CCAGCCTACCTGCTGGGCATAGACAGTGGGCGGCTGCAAGAGAAGCTGACCAGCCGTAAGATGGACAGCA
AATGGGGTGGACGCAGTGAAGTCCATTGATGTGACCCTCAATGTGGAACAGGCAGCCTACTCCTGACGC
ACTGGCCAAGGGACTCTATGCCCGCTTTCGACTTCTGGTGGAGGCCATCAACCGTGCCATGCAAGAAG
CCTCAGGAAGAATACAGCATCGGCGTGTGACATCTACGCTTTGAGATCTTCCAGAAAAATGGCTTTG
AGCAGTCTGCATCAACTTCGTCAATGAAAAGCTGCAGCAGATTTTTATTGAGCTCACGCTGAAGGCAGA
GCAGGAGGAGTATGTGCAAGAGGGCATCCGCTGGACCCCATCGAATACTTCAACAACAAAAATTGTGTGT
GACCTCATCGAAAACAAGCTGAGCCCCCAGGCATCATGAGCGTGTAGATGATGTGTGTGCCACGATGC
ATGCTACCGTGGCGGCGGACCAGACACTGCTACAAAAGCTGCAAGCGGCAGTGGCACCCACGAGCA
CTTCAACAGCTGGAGCGCGGTTTCGTATCCATCACTATGCAGGCAAGGTCTCCTATGATGTCAGTGGC
TTCTGTGAGAGGAATCGAGATGTGCTGTTCTGATCTTATAGAAGTGCAGTCCAGTACCAGGACT
TCCTACGGATGCTTTTCTGAGAAGCTGAATATAGACAAGAAGGGCCGCCCCAGTACTGCTGGCTCCAA



[View online »](#)

GATCAAGAAACAAGCCAACGACCTGGTGTCCACGCTGAAGAAGTGCACACCCACTACATCCGCTGCATC
 AAACCTAACGAGACCAAGCGCCCCGGGACTGGGAGGAAAGCAGAGTGAAGCACCAGGTGGAGTACCTGG
 GCCTGCGGGAGAACATCCGAGTGCGAAGGGCAGGCTTCGCCTACCGTCGGCAGTTCTCCAAATTCCTGCA
 AAGGTATGCCATCCTGACCCCTGAGACATGGCCACGGTGGCGTGGAGATGAACGCCAGGGTGTCCAGCAC
 CTGCTTCGTGTGTAACATGGAGCCAGACCAGTACCAGATGGGGAGTACCAAGGTCTTTGTTAAGAATC
 CTGAGTCGCTTTTCTCCTGGAAGAGATGCGAGAGAGAAAGTTTGACGGCTTCGCTCGCACTATCCAGAA
 AGCCTGGCGGCCACGTAGCAGTCCGAAAGTATGAAGAGATGCGGGAAGAAGCTTCTAACATCCTACTG
 AACAAAGAAGGAACGAAGGCGAAAACAGCATCAACCGGAACCTCGTTGGGGACTATCTGGGACTGGAGGAGC
 GGCTGAGCTGCGCCAGTTCCTGGCTAAAAGGGAACGAGTGGACTTTGCCGACTCAGTCACCAAGTATGA
 CCGCCGCTTCAAGCCTATCAAACGGGACTTGATCCTGACCCAAAACGTGTGTATGTGATTGGGAGAGAG
 AAGGTGAAAAGGGGACCAGAGAAGGGTCTAGTGCCTGAAGTCTGAAGAAGAACTGGATATCCAGGCC
 TCCGAGGGGTGTCTCAGCACCCGACAGGATGACTTCTTCATCCTTCAAGAAGAGGCTGCGGACAGCTT
 CTAGAAAAGTATCTTCAAGACCGAGTTTGTGAGCCTTCTGTGCAAGCGTTTTGAAGAGGCAGCGCGCAGG
 CCCCTTCCCCTCACCTTCAAGTACCTACTACAGTTCGGGTGAAGAAAGAAGGCTGGGGCGGAGGTAGTA
 CCCGAAATGTACCTTCTCGCGGGACAGGTGACTTGGCTGTGCTCAAGGCTGGGGTTCGAGCTCTCAC
 TATCAGCATTGGGACGGATTGCCTAAGAGCACCAAGCCTACACGGAAGGGTTAGCCCAGGGTAGACCT
 CGAAGGTCAGCGCAGGCTCCCACTCGAGCAGCCCTGGGCTCCAGAGGTTTGAATCGAAATGGGGTAC
 CACCCTTCCCAGGTAAGGTCCCTACCCTGGAGATCACATCTGGTAGGAGTTCAGAGGCTCCACG
 GGGCCCTCCATCCTCAACCCTAGGAGCCAGCAGCGTCTCGAGCACGGCCACCTTCCAGAGCACAGTACA
 GAATTCCTTAATGTGCCTGACCAGGGTGTGGCAGGCATGCAAAGGAAGCGAAGTATAGGGCAGAGACCTG
 TGCCAGGAGTGGCCGGCCTAAGCCCCAACCCAGGACACATGGCCCGAGGTGCCGGGCACTGTACCAATA
 CATAGGCCAGGATGTGGATGAGCTGAGCTTTAACGTGAACGAAGTCATTGAGATCCTCATAGAAGACTCA
 TCTGGCTGGTGGAAAGGTGGCTTCATGGCCAGGAAGTCTTTCCAGGAAACTATGTGGAGAAGATCT
 GATCGTCCATCCACCAGCCTGCCTGCTTGCCTGCCTGGGATCCAAACCCTGCCAGTGGAAAGCCTTGGTTA
 TCTTATCTGCACTGGCCAGAATACTCAGGCTGTGGCCTCAAGCCAGTGGGACCCCTGTGTATGGAGGAT
 GAGCACTGTAGCACCCCATGCCTGGTACTGCCTTCTGTGGTTGACTTGTATCTAAGTCTCCATTTTC
 TCCTGTGTCCAATAGTAGTTGTGCAAAACCTACCTCCAGCTGCCTTGTGTGTATGTAACAAATCATGT
 CCTGCCCTGGGAGCAAAGTGTGTGCACTGCCAGAGTTAGGAGACGTGGACAGTTAGACCTTTCCACTT
 TCTCTCATCACTGAGGTAATAAACATGTGTCAAGTAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** BC046502
- Insert Size:** 3297 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:** [BC046502](#), [AAH46502](#)

RefSeq Size: 3833 bp
RefSeq ORF: 3297 bp
Locus ID: 17916
Cytogenetics: 17 17.98 cM