

Product datasheet for RN201778

Myo1f (NM_001108076) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myo1f (NM_001108076) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Myo1f
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201778 representing NM_001108076 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGGCAGCAAGGAGCGCTTCTACTGGCAGAGTCACAATGTGAAGCAGAGTGGTGTGGATGACATGGTGC
TGCTGCCCCAGATCACTGAGGACGCCATCGTGAGCAACCTCCGCAAGCGCTTCATGGATGACTACATCTT
CACATATATTGGTTCAGTGCTAATCTCTGTAACCCCTCAAGCAGATGCCCTACTTCACTGACCGGAA
ATTGACCTCTATCAGGGTGCGGCCAATATGAGAATCCCCGACATCTATGCCCTCACCAGACAACATGT
ACCGGAATATGCTGATCGACTGTGAGAACCAGTGTGTCATTATCAGCGGGGAGAGTGGAGCTGGGAAGAC
AGTGGCTGCTAAATACATCATGGCTACATCTCCAAGGTGCTGGTGGGGGAGACAAGGTCCAGCACGTC
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TATCAGCTTCTGGAAGGGGCTCCAGGAGCAGCAGCAGAACCTAGGACTCATGACACCAGACTACTATT
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GAACGCCATGCAAGTCATTGGGATTCGACCAAGTGTGCAGCAGCTTGTCTTGCAGCTCGTGGCAGGGATC
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CCTTCCCAGCCTACCTGCTGGGCATAGACAGTGGGCGGCTGCAAGAGAAGCTGACCAGCCGTAAGATGGA
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GGCCTTCTACGGATGCTCTTCTGAGAAGCTGGATGTAGACAAGAAGGGCCGCCCCAGTACTGCTGGC



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TCCAAGATCAAGAAACAAGCCAACGACCTGGTATCCACGCTGAAGAAGTGCACGCCACACTACATCCGCT
GCATCAAACCTAACGAGACGAAGCGGCCCGGGACTGGGAGGAGAGCAGAGTGAAGCATCAAGTGGAGTA
CCTGGGCTGAGGGAGAACATCCGAGTGCCTAGGGCAGGTTTTGCCTACCGTCGGCAGTTCTCCAAGTTC
CTGCAAAGGTATGCCATCCTGACCCCTGAGACATGGCCACGGTGGCGTGGAGATGAACGTCAGGGTGTCC
AGCACCTGCTTCGTGCTGTAACATGGAGCCAGACCAGTACCAGATGGGCAGCACCAAGGCTTTGTAA
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CAGAAAGCCTGGCGGCCACATAGCAGTCCGAAAGTATGAAGAGATGCGGGAAGAAGCTTCCAACATCC
TACTGAACAAGAAGGAACGAAGGCGAAACAGCATCAACCGAACTTTGTGGGGACTATCTGGGGCTGGA
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TATGACCGCCGCTTCAAGCCCATCAAACGGGACTTGATCCTGACCCCAAGTGCCTGTATGTGATCGGGA
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AGCTCTCCGAGGGGTGTCCCTCAGCACCCGACAGGATGACTTCTCATCCTTCAAGAAGAGGCTGCTGAT
AGCTTCTAGAAAGTATCTTCAAGACGGAATTTGTCAGCCTTCTGTCAAGCGCTTTGAAGAGGCAGCGC
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CTCACTATCAGCATTGGGGACGGATTGCCTAAGAGCACCAAGCCTACACGTAAGGGGTTAGCCCAGGGAA
GACCTCGAAGGTCAGCGCAGGCTCCTACTCGAGCAGCCCCAGGACCCCGAGAGGCTGAATCGAAATGG
GGTACCACCTCTTCCCAGGTAAGGTCCCTACCCATGGAGATCACATCTGGCAGGAGTCCCAGAGGCT
CCACGGGGCCCTCCATCCTCAACCCCTAGGAGCCAGCAGACGCTCTCGAGCACGGCCACCTTCGGAGCACA
ACACAGAATTCTAAATGTACCTGACCAGGGTGTGGCAGGCATGCAAAGGAAGCGAAGTATAGGGCAGAG
ACCTGTGCCAGGAGTGGCCGGCCTAAGCCCCAACCGACACATGGCCCGAGGTGCCGGGCACTGTAC
CAGTACATAGGCCAAGATGTGGATGAGCTGAGCTTTAACGTGAATGAAGTAATTGAGATCCTGATGGAAG
ATTCTTCTGGCTGGTGGAAAGGTCGGTTGCATGGCCAGGAAGTCTTTCCAGGAAACTATGTGGAGAA
GATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108076
- 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:** [NM_001108076.1](#), [NP_001101546.1](#)
- RefSeq Size:** 3818 bp

RefSeq ORF: 3297 bp
Locus ID: 314654
Cytogenetics: 7q12-q13