

## Product datasheet for **MC222560**

### Myrf1 (NM\_001033333) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Myrf1 (NM_001033333) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Myrf1
Synonyms:	Gm239
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC222560 representing NM\_001033333  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATGTGCTGGGTGAAAACGAGGCTCTGCAGCAGTTCTTTGAAGCACAGGGAGCCAGTGGCACTCTGG  
 AGAACCCAGCCCTGGATACGAGTCTGCTTGAAGAATTCTTGGCAATGACTTTGATTTAGGAGCCTTGCA  
 ACGGCAGCTCCCTGACACCCACCTTACTCTGCATCCGACCCACGCTCTCCTCCACAGGTCAAAGGCGCA  
 TGCTGCAGGACCCGAGACCTCCGGCAGGGAGGATCCCAGCTGCTTTTCTCCACTCCACCACAGCACCCG  
 GGCCCTGCCTGAGCATCCATCCAGAGCATGGCTGGCCAAACCCACAGCAGTTTTTCAGAACGGCTACCC  
 GGAATCCAGTCAACCCGCCACCTGCCGGCACAAACGGGGCCCTCCCGTTGGGGACGAGTTGCTCTTTC  
 CACCAGCAGCCTTTGTGCCACGTTCTGGATCCTGTTACCCCGACAAAGAAGAGAAAGCACTCGCAGA  
 TACAAGAGGACTCGTGGGACTGTAGTTCATGGGCCACTACTTCAGACCAATGACAACACTAGTCTCAGAG  
 CATCGAAGTGCAGGACCACGACAGAGGGACGTAACGGGATGCCTGTGGACCAGTGTTCCTGCTCTG  
 AAGTGGCAGCCATACAAAGTGTTCCTTGGCATAGCTTGTAAACAGCCGTTACGAAAACTGCCTGAAG  
 TGGGCTATCAGGTTGTGACAGACAAAGGTTCACTTTCTCGCCAGTTCGATGAAGCTTTTGTGTAACAAA  
 GAAGAACCATTTCCAGATAACCGTCCACATCCAAGTCTGGGGAAGTCCGAAGTTTGTAAAGCCCAAGTG  
 GCCTAAAGCCAAATAGAAAAGTTTTACTTGAAGCTTTTGGAAATTAAGGTGGAAGCCACCAACCAAGTGA  
 TTGCCATAGAAGTCTCAAGCAGATAGAAGCAAAAAGACTTTTGATCCTGTTAAATCGACCTCCTGAC  
 TGACCAGGTTACCAAAGTGACCTGGGACGATTACACTTAGTGAAACCACAGCAAAACATGAGAAAAG  
 AAGGGGAAGCCGAATCCTGATCAGAGGTAATTCATGTTGGTGGTGGATTGTACGCTGCTAACCAAGATC  
 AGTTCTACCTGTTGGCTGCCACATCTCTGAAAGGATCATCGTAAGGGCCTCTAACCCCTGGGCACTTGA  
 AAATGACAGTGACGCACTGTGGCAGCGAGGACAAGTTCCAGAATCCATCGTCTGTATGGGCGAGTAGGA  
 ATAAACACAGACACCCCGATGAAGCCCTGGTTGTCTGTGGCAACATGAAAGTGTGGGGACTGTATGC  
 ATCCCTCTGACAGCCGAGTGAAGGAGAATTCAGGAGGTTGACACAAATGAACAGCTGAGAAGAATAGC  
 CCAGATGAGGATTGTTCACTACGACTACAACTGAATTTGCATCTGCCATGGGGATAAACACTGCCCAT  
 CAAACAGGAATGATTGCCAAGAGGTGCAAGAGATCCTGCCAGAGCTGTGAGAGAGTTGGGGATGCA  
 CCGGTGGAATGGGGAGACACTGGAGAATTCCTCATGGTGGACAAGGACCAGATCTTCATGGAGAATGT  
 GGGCGCCGTGAAGCAGCTGTGCAAACTACCAACAACCTGGAAGAAAGAATAGAGGAGTTAGAAATATGG  
 AACAAAAAGCTGGCCAGGCTAAAACGCCTCAGTAGCAGCTGGAAGTCTCCATCAGCGAAGCCAGTTCCA  
 TCAGCAAATGAGCAGAGCTGTTAGTGATCTTCAGCCAGAAGGACAGGTTCCAAAAAGCCACCAAGGT  
 CTATTCTCAGGAAGGAAGCAGTCGTGTCTAACTGGGTTTTCCAGACCTTGGTTGTAGTGCTGATTGCC  
 GTGATGGCATTGTTGTCCTTGACAATAGTTGCCCTCTACATACTTAGCTTAAAGGATCAAGACCGGCGCT  
 CCCCAAATCTCCCTCTAAGCAATATGACAAGCTCTCCAGAGCCAGCTCTGTCTCCACAGCTCCTACCTC  
 AGCTCCCATAACAACCCGGAGACCACACAGACCTCCCTGCAAGTGCCCGAAATCACTTTCTGTGAGATC  
 CTGCCGTGTCAGGAACTTATTGCTGTCTGTGGGGACCAAGAATATTGTTTTCAAGTCTGCACAAA  
 GACAACCTGGAAGCAGAGAGAGATCCATCAGAGACAAATGGGCAGAAGACAAAAGCAAATCGTTCCTGAC  
 AAGCAGTGGCTTATCAGCCCAGACTGGGAAAGTGACTGGATCGACACAACCATCGTTCATTCAGATT  
 GTAGAAATCCAGCAAATGATAGACCGTCCGTAAGTGCAGCAGAATGCTCCACTGCGGGCCTGGGCACTATA  
 ATTATAACATTCTGTTAATAAGAACACACCCACCAACGTCAAATTTCTCTCTGGAATCAACACAACAGA  
 GCCACTGATAGTCTTCCAGTCAAATACAGCTAGGGAATATATGTTTCCGAGTCAACGGGAAAGAACC  
 CAGAGCGATGGAGAAGATGCTCAGATGACACAGGGATACCAGCACATTTGGAGGCTTCCCGTGGCCCGGT  
 TCTCCGACAGCGCATACCATTTCCGGGTAGCCGACCAGATTTAGCCGACTGTTCCGACGGATCCTTTTTT  
 TGCTGGGATTTCTTACAGATTACTTCTTTTATTCTATCGACGTTGTAAC**TA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001033333

<b>Insert Size:</b>	2715 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001033333.3</a></u> , <u><a href="#">NP_001028505.1</a></u>
<b>RefSeq Size:</b>	3114 bp
<b>RefSeq ORF:</b>	2715 bp
<b>Locus ID:</b>	237558
<b>UniProt ID:</b>	<u><a href="#">Q3UN70</a></u>
<b>Cytogenetics:</b>	10 D2