

## Product datasheet for **MC221190**

### **Mzf1 (NM\_145819) Mouse Untagged Clone**

#### **Product data:**

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | Expression Plasmids                   |
| Product Name:             | Mzf1 (NM_145819) Mouse Untagged Clone |
| Tag:                      | Tag Free                              |
| Symbol:                   | Mzf1                                  |
| Synonyms:                 | Mzf-2; Mzf2; Zfp98; Zfp121; Znf42     |
| Mammalian Cell Selection: | Neomycin                              |
| Vector:                   | pCMV6-Entry (PS100001)                |
| E. coli Selection:        | Kanamycin (25 ug/mL)                  |



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**Fully Sequenced ORF:** >MC221190 representing NM\_145819  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGACCCACTGTGCTGGGCTCCTCGGCTGTGCACCCCCAGAAAATGAGCCTGCTCTGGTGAAGCTGG  
 AGGACTCTGACAGCGACGATGAGAGAGAAGATATATTGTGGGACCCAGGCCTTGAGGCTGCACGTCTACG  
 CTTCCGGTGCTTCCGGTATGAGGATGCAATAGTCTCAGGAAGCCCTGGCCAGCTCCGAGAAGTGTGT  
 CACCAGTGGCTACGCCCAGAAGTACATTCCAAGGAACAGGTGCTAGAGCTCTTGGTGTGGAGCAGTTCC  
 TGGGTGCACTGCCCTGAGATCCAGGCCAAGTGCAAGGGCAGTGGCCAGGCAGCCCTGAAGAGGCTGC  
 TGCCTTGGTTGACAGACTTCGATGGGAGCTTGTGGACCTCGGAAATGGGTACAGTCCAGGTGCAGGGC  
 AAGGAGTCTATCAGAGAAGATGGAACCTCCAGCTTCCAGCCAAGACCTCACATCAAGCTTCAGACTC  
 CAGACCCTGGGCTGAGACTCCCAAGGAGCCATGCAGGAATTGCCACTGAACCTACCAATGAAAGAGGA  
 GACAGAGTTGTTGGGGAATCCAGAGCTCCTGGAATCTGGGCTCTTCTGCTGCTCAAGAGGCTGCAGCC  
 ACTCTCTACCTAAGGAGACCCAGGGCCATGGGACAACACTGGACCAGACCTCTCTCATAGCGACACTG  
 AGCCTGATGTGCCCCATGGAGTGAGGACCCTATGCCCTGTGGCATGAGGAAGTAGGGGCATCTTTTC  
 ACCAGGTTTACGCTGCAGATGGACAGCATCACGGCAGAGCCAGATATGATGAGCCCCACCTCCATGTC  
 CCCTGGGATCTGGACATGGCTAGCCTCTCTGGACAGATACAGTCCCCTACCACGGAAGGTGGCTTTGCC  
 ATGCCCTTGTACTCCCCAGCGACCCAGGAGGTGAACAGGACCCCTGCCTGCGAGGATCCCTGCCCCAGTGT  
 GGGCCAGCATTGGTGGGACTCGATGGCATGCCCAAGGGCCGGAGCCAGAGCCACCTCGCTCGGGG  
 ACTGGAGCCATGCGAGGCGCCGCTGCGACGTGTGTGGCAAGGTGTTAGCCAGCGAAGCAATCTGCTGC  
 GGCACCAAGAAGTCCACACAGGCGAGAGACCGTTCTGTGTGGCGAGTGTGGCCGAGCTTCAGCCGCGAG  
 CTCTCACCTACTGCGCCACCAGCTCACGATACTGAGGAACGGCCTTTCGTGTGCGCGCACTGTGGCCAG  
 GGCTTCGTGCGCAGCGCCCGCTGGAGGAGCACCGGCGTGTACACACGGGCGAGCAGCCGTTCCGCTGCA  
 CAGAGTGTGGCCAGAGCTTTCGGCAGCGCTCCAACCTACTGCAGCACCAGCGCATCCACGGCGATCCGCC  
 TGGTCCAGCGCCATCCATCTGCCCTCGCCGAGTCCCGGAGCCCCGGGCCCTTCCCATGCAGCGAG  
 TGCTGCGAGAGCTTCCCACGACGCGCGTGTCTGCTAGAGCACCAGGCGGTGCACACGGGACAAGTCTCT  
 TCGGATGCGTGGAGTGGCGGAGCGCTTCGGCCCGTTCGGTGTGTTGCAGCACCAGGCGGTGCACAG  
 CGGCGAACGGCCCTTCGCTGTGCCGAGTGGGCAAGCTTCCGGCAGCGCTTAATCTCACCCAGCAC  
 CAGCGCATCCACTGGAGAGCGGCCCTTCGCTGCGCGAATGTGGCAAGACCTTCGCCAGCGGCCCA  
 CGCTCACGCAGCACCTGCGTGTGCATACGGGTGAGAAGCCCTTCGCGTGCCCGAGTGGCGCCAGCGCTT  
 CAGCCAGCGACTCAAGCTCACGCGCCACCAAGGACCCATACTGGCGAGAAGCCCTACTGCTGCGGTGAG  
 TGCGGCCCTCGGTTACAGCAGGTGTCTCGGCTCACCGAGCACCAGCGCATCCACACAGGTGAGCGGCCCT  
 TCGCTGTCCGAATGTGGCCAGAGTTTCCGGCAGCAGCCAACCTCACCCAGCACCAGGCGCATCCATAC  
 GGGCGAGCGACCTACGCGTGTCCGAATGTGGCAAGGCTTTCGCCAGCGGCCACGCTCACGCAGCAC  
 CTGCGCACTCACCGGCACGAAAAGCCCTTCGCTGCCAGGACTGTGGCCGAGCGTTCAACCAGAGCACCA  
 AGCTCATCCAGCACCAGCGTGTCCACAGCACTGAG**TAG**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_145819

**Insert Size:** 2208 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).

|                               |   |
|-------------------------------|---|
| <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>NM_145819.2</u> , <u>NP_665818.2</u>   |
| <b>RefSeq Size:</b>           | 3497 bp   |
| <b>RefSeq ORF:</b>            | 2208 bp   |
| <b>Locus ID:</b>              | 109889  |
| <b>Cytogenetics:</b>          | 7 7.73 cM   |