

Product datasheet for **MC228239**

Mzf1 (NM_001290452) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mzf1 (NM_001290452) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mzf1
Synonyms:	Mzf-2; Mzf2; Zfp98; Zfp121; Znf42
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228239 representing NM_001290452
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGACTCTGGAATCTGGCCTCTTCTGCTGCTCAAGAGGCTGCAGCCACTCTCTACCTAAGGAGA
 CCCAGGGCCATGGGACAACACTGGACCAGACCTCTCCTCATAGCGACTGAGCCTGATGTGCCCCATG
 GAGTGAGGACCTATGCCCTGTGGCATGAGGAAGTAGGGGCATCTTTTACCAGGGTTTACGCTGCAG
 ATGGACAGCATCACGGCAGAGCCAGATATGATGAGCCCCACCTCCATGTCCCCTGGGATCTGGACATGG
 CTAGCCTCTCTGGACAGATACAGTCCCCTACCACGGAAGGTGGCTTTGCCATGCCCTTGTACTCCCAG
 CGACCCAGGAGGTGAACAGGACCCTGCCTGCGAGGATCCCTGCCCAAGTGTGGGCCAGCATTGGTGGC
 ACTCGATGGCATGCCCAAGGGCCGGAGCCAGAGCCACCCTCGCTCGGGGACTGGAGCCATGCGAGGCG
 GCCGCTGCGACGTGTGTGGCAAGGTGTTAGCCAGCGAAGCAATCTGCTGCGGCACCAGAAGATCCACAC
 AGGCGAGAGACCGTTTCGTGTGTGGCAGTGTGGCCGAGCTTCAGCCGAGCTCTCACCTACTGCCCCAC
 CAGCTCACGCATACTAGGAACGGCCTTTCGTGTGCCGCGACTGTGGCCAGGGCTTCGTGCGCAGCGCC
 GCCTGGAGGAGCACCGCGTGTACACACGGGCGAGCAGCCGTTCCGCTGCACAGAGTGTGGCCAGAGCTT
 TCGGCAGCGCTCCAACCTACTGCAGCACCAGCGCATCCACGGCGATCCGCTGGTCCAGCGCCATCCATC
 CTGCCCTCGCCGGAGTCCCAGGCCCGGGCCCTTCCCATGCAGCGAGTGTGCGAGAGCTTCCCAC
 GACGCGCGTGTCTAGAGCACCAGGCGGTGCACACCGGGGACAAGTCTTCGGATGCGTGGAGTGGG
 CGAGCGCTTCGGCCCGCTTCGGTGTGTTGCAGCACCAGCGCGTGCACAGCGGCAACGGCCCTTCGCC
 TGTGCCGAGTGGCCAAAGCTTCGGCAGCGCTTAATCTCACCCAGCACCAGCGCATCCACACTGGAG
 AGCGGCCCTTCGCTGCGCCGAATGTGGCAAGACCTTCGGCAGCGGCCACGCTCAGCAGCACCTGCG
 TGTGCATACGGGTGAGAAGCCCTTCGCTGCCCCGAGTGGCGCCAGCGCTTCAGCCAGCGACTCAAGCTC
 ACGCGCCACAAAGGACCATACTGGCGAGAAGCCCTACTGCTGCGGTGAGTGGCGCTCGGCTTACAGC
 AGGTGTCTCGGCTCACCGAGCACCAGCGCATCCACACAGGTGAGCGGCCCTTCGCTGTCCCGAATGTGG
 CCAGAGTTTCCGGCAGCAGCCAACTCACCCAGCACCAGCGCATCCATACGGGCGAGCGACCCTACGCG
 TGTCCCGAATGTGGCAAGGCCTTTCGCCAGCGGCCACGCTCACGCAGCACCTGCGCACTACCGGCACG
 AAAAGCCCTTCGCTGCCAGGACTGTGGCCGACGCTTCAACCAGAGCACCAAGCTCATCCAGCACCAGCG
 TGTCACAGCACTGAGTAG

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001290452

Insert Size: 1629 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_001290452.1](#), [NP_001277381.1](#)

RefSeq Size: 3313 bp

RefSeq ORF: 1629 bp

Locus ID: 109889

Cytogenetics: 7 7.73 cM