

Product datasheet for **MC227867**

Mzf1 (NM_001290453) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mzf1 (NM_001290453) 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: >MC227867 representing NM_001290453
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACAGCATCACGGCAGAGCCAGATATGATGAGCCCCACCTCCATGTCCCCTGGGATCTGGACATGG
 CTAGCCTCTCTGGACAGATACAGTCCCCACCACGGAAGGTGGCTTTGCCCATGCCCTTGTACTCCCAG
 CGACCCAGGAGGTGAACAGGACCCTGCCTGCGAGGATCCCTGCCCAAGTGTGGGCCAGCATTGGTGCG
 ACTCGATGGCATGCCCAAGGGGCCGGAGCCAGAGCCACCCTCGCTCGGGGACTGGAGCCATGCGAGGCG
 GCCGCTGCGACGTGTGTGGCAAGGTGTTAGCCAGCGAAGCAATCTGCTGCGGCACCAGAAGATCCACAC
 AGGCGAGAGACCCTTCGTGTGTGGCGAGTGTGGCCGAGCTTCAGCCGCGAGCTCTCACCTACTGCGCCAC
 CAGCTCACGCATACTGAGGAACGGCCTTCGTGTGCCGCGACTGTGGCCAGGGCTTCGTGCGCAGCGCCC
 GCCTGGAGGAGCACCGGCGTGTACACACGGGCGAGCAGCCGTTCCGCTGCACAGAGTGTGGCCAGAGCTT
 TCGGCAGCGCTCCAACCTACTGCAGCACCAGCGCATCCACGGCGATCCGCTGGTCCAGCGCCATCCATC
 CTGCCCCCTCGCCGGAGTCCCGGAGCCCCGGGCCCTTCCCATGCAGCGAGTGTGCGAGAGCTTCCCAC
 GACGCGCCGTGCTGCTAGAGCACCAGGCGGTGCACACCGGGGACAAGTCCTTCGGATGCGTGGAGTGCGG
 CGAGCGCTTCGGCCGCGGTTTCGGTGCTGTTGCAGCACCAGCGCGTGCACAGCGGCGAACGGCCCTTCGCC
 TGTGCCGAGTGGCCAAAGCTTCCGGCAGCGCTCTAATCTCACCCAGCACCAGCGCATCCACACTGGAG
 AGCGGCCCTTCGCTGCGCCGAATGTGGCAAGACCTTCGCCAGCGGCCACGCTCACGCAGCACCTGCG
 TGTGCATACGGGTGAGAAGCCCTTCGCGTGCCCGAGTGGCCAGCGCTTCAGCCAGCGACTCAAGCTC
 ACGCGCCACCAAAGGACCCATACTGGCGAGAAGCCCTACTGCTGCGGTGAGTGGCCCTCGGCTTCACGC
 AGGTGTCTCGGCTCACCAGCACCAGCGCATCCACACAGGTGAGCGGCCCTTCGCTGTCCCGAATGTGG
 CCAGAGTTTCCGGCAGCAGCCAACTCACCCAGCACCAGCGCATCCATACGGGCGAGCGACCCTACGCG
 TGTCCCGAATGTGGCAAGGCCTTCGCCAGCGGCCACGCTCACGCAGCACCTGCGCACTCACGGCAGC
 AAAAGCCCTTCGCTGCCAGGACTGTGGCCGAGCTTCAACCAGAGCACCAAGCTCATCCAGCACCAGCG
 TGTCCACAGCACTGAG**TAG**

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001290453

Insert Size: 1419 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_001290453.1](#), [NP_001277382.1](#)

RefSeq Size: 3597 bp

RefSeq ORF: 1419 bp

Locus ID: 109889

Cytogenetics: 7 7.73 cM