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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC227867 representing NM_001290453
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACAGCATCACGGCAGAGCCAGATATGATGAGCCCCCACCTCCATGTCCCCTGGGATCTGGACATGG
CTAGCCTCTCTGGACAGATACAGTCCCCTACCACGGAAGGTGGCTTTGCCCATGCCCTTGTACTCCCCAG
CGACCCAGGAGGTGAACAGGACCCTGCCTGCGAGGATCCCTGCCCCAGTGTGGGCCCAGCATTGGTGGCG
ACTCGATGGCATGCCCCAAGGGGCCGGAGCCAGAGCCACCCTCGCTCGGGGACTGGAGCCATGCGAGGCG
GCCGCTGCGACGTGTGTGGCAAGGTGTTCAGCCAGCGAAGCAATCTGCTGCGGCACCAGAAGATCCACAC
AGGCGAGAGACCGTTCGTGTGTGGCGAGTGTGGCCGCAGCTTCAGCCGCAGCTCTCACCTACTGCGCCAC
CAGCTCACGCATACTGAGGAACGGCCTTTCGTGTGCCGCGACTGTGGCCAGGGCTTCGTGCGCAGCGCCC
GCCTGGAGGAGCACCGGCGTGTACACACGGGCGAGCAGCCGTTCCGCTGCACAGAGTGTGGCCAGAGCTT
TCGGCAGCGCTCCAACCTACTGCAGCACCAGCGCATCCACGGCGATCCGCCTGGTCCAGCGCCATCCATC
CTGCCCCTCGCCGGAGTCCCGGAGCCCCCGGGCCCCTTCCCATGCAGCGAGTGCTGCGAGAGCTTCCCAC
GACGCGCCGTGCTGCTAGAGCACCAGGCGGTGCACACCGGGGACAAGTCCTTCGGATGCGTGGAGTGCGG
CGAGCGCTTCGGCCGCCGTTCGGTGCTGTTGCAGCACCGGCGCGTGCACAGCGGCGAACGGCCCTTCGCC
TGTGCCGAGTGCGGCCAAAGCTTCCGGCAGCGCTCTAATCTCACCCAGCACCAGCGCATCCACACTGGAG
AGCGGCCCTTCGCCTGCGCCGAATGTGGCAAGACCTTCCGCCAGCGGCCCACGCTCACGCAGCACCTGCG
TGTGCATACGGGTGAGAAGCCCTTCGCGTGCCCCGAGTGCGGCCAGCGCTTCAGCCAGCGACTCAAGCTC
ACGCGCCACCAAAGGACCCATACTGGCGAGAAGCCCTACTGCTGCGGTGAGTGCGGCCTCGGCTTCACGC
AGGTGTCTCGGCTCACCGAGCACCAGCGCATCCACACAGGTGAGCGGCCCTTCGCCTGTCCCGAATGTGG
CCAGAGTTTCCGGCAGCACGCCAACCTCACCCAGCACCGGCGCATCCATACGGGCGAGCGACCCTACGCG
TGTCCCGAATGTGGCAAGGCCTTTCGCCAGCGGCCCACGCTCACGCAGCACCTGCGCACTCACCGGCACG
AAAAGCCCTTCGCCTGCCAGGACTGTGGCCGACGCTTCAACCAGAGCACCAAGCTCATCCAGCACCAGCG
TGTCCACAGCACTGAGTAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
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).

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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

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