

Product datasheet for **RN214442**

Mzf1 (NM_001108470) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mzf1 (NM_001108470) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mzf1
Synonyms:	Zfp98
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214442 representing NM_001108470
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAACCCATTGTGCCAGACTCCTCAGGCCGTGCACCCCCAGAAAATGAGCCTGCTGTGGTGAAGCTGG
 AGGACTCTGACAACTACGATAAGAGAGAAGATACACTGTGGGACCCAGGCCCTGAAGCTGCACGTCTACG
 CTTCCGGTGCTTTTCGGTATGAGGAGGCAATAGTCTCAGGAAGCCCTGGCTCAGCTCCGAGAAGTGTG
 CACCAGTGGTACGTCCAGAGGTACATTCCAAGGAACAGATCCTGGAACTTTTGGTGTGGAGCAGTTCC
 TAGGTGCACTGCCTTCTGAGATCCAGGCCCGTGTGCAAGAGCAGTGGCCAGGCAGCCCTGAAGAGGCTGC
 TGCCTTGGTTGACAGACTTCGATGGGAGCTTGATGGACCTCGGAAATGGGTACGGTCCAGGTACAGGGC
 AAGGAGTCTATCAGAGAAGATGGAACCTCCAGCTCCAGCCTAGACCTCAAGTCAAGCTTCAGACTC
 CAGAGGCTGGGTCTGAGACTACCCAGGGGCCACGCAGGAATTGCCGCTGGACCTACAAATGAAAGAGGA
 GACAGAGTTGATGGAGAATCCAGAGCTCCTGGAGTCTGAGCCTTTTCTGCTGCTCAAGAGGCTGCAGCC
 ACTCTCTACCTAAGGTGGCCAGGGCCATGGGATAGCACTGGACCAGACCTCTCTCACAGCGACACTG
 AACCTGATGTGCCCCATGGAGCGAGGACCCTATGCCCTGTGGCATGAGGAAGTGAAGGCATCTTGTG
 GCCAGGGTTACGCTGCAGATGGACAGCATCACAGCAGAGCCAGATACGGTGAGCCCCACCTCCATGTC
 CCCTGGGATCTGGACATGGCTAGCCTCTCTGGACAGATGCAGTCCCCTACCAGAGAAGGTGGCTTTGCC
 ATGCCCTCGTACTCCCAGCGATCCAGGAAGTGAACAGGACCCTGCCTGTGAGGATCCCTGCCCCAGTGT
 GGGCCAGCACTGGTGGCAGCTCGTGGCATGCCCAAGGACCGGAGCCAGGGCCACCTAGCACAGGG
 ACTGGAGTATGCGAGGCGCCGCTGCGACGTGTGGCAAGGTATTAGCCAGCGAAGCAATCTGCTGC
 GGCACCAAGATCCACACAGGCGAGAGACCGTTTCGTGTGGCGAGTGTGGCGAAGTTTCAGCCGCGAG
 CTCTCACCTGCTGCGCCACCAACTCACGCATACCTAGGGAACGGCCTTTTCGTGTGCCGCGACTGTGCCAA
 GGCTTCGTGCGCAGCGCCCGCTGGAGGAGCATCGGCGGTGCACACGGGCGAGCAGCCGTTCCGCTGCG
 CAGAGTGGGCCAGAGCTTTTCGGCAGCGCTCCAACCTACTGCAGCACCAGCGCATCCACGGTGACCCGCC
 AAGTCCGGCGCCCGCTCCGGTCCCTCGTGGAGTGGCCGAGCCTCCGGGCCCTTCCCTTGCAGCGAG
 TGCTGCGAGAGCTTCCACGACGCGCAGTACTGCTCGAGCACCAGCGGTGCACACCGGAGACAAGTCT
 TCGGATGCGTGGAGTGGCGGAGCGCTTCGGCCCGCTCGGTGCTGCTGCAGCATCGGCGCGTGCATAG
 CGGCGAACGACCTTTTCGCATGTGCCGAGTGGGTCAAAGCTTCCGGCAGCGCTCCAACCTCACCCAGCAC
 CGGCGCATCCACACCGGCGAGCGCCCTTCGCCTGCACAGAATGTGGCAAGGCCCTCCGCCAGCGGCCCA
 CTCTCACGACGACCTGCGTGTGCACACCGGTGAGAAGCCCTTCGCTGCCCGAGTGGCCGAGCGCTT
 CAGCCAGCGACTCAAGCTCACACGCCACCAAAGGACCCATACGGGCGAGAAGCCCTACCGCTGCAGTGAA
 TGCGGCCTCGGTTTACGCAGGTGTCTCGGCTCACCGAGCACCAGCGCATCCACACAGGTGAGCGGCCTT
 TCGCCTGTCCCGAATGTGGCCAGAGCTTCCGGCAGCAGCCAACTCATCCAGCACCGGCGCATCCATAC
 AGGCGAGCGGCCCTACGCGTGTCCCGAGTGTGGCAAGGCCCTCCGCCAGCGGCCACGCTCACGCAGCAC
 CTGCGCACCCACCGGCGGAAAAGCCCTTCGCCTGCCAGGACTGTGGCCGCGCTTTCCACAGAGCACCA
 AGCTCATCCAACATCAACGCATCCACAGCACTGAGTAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-RsrII
ACCN: NM_001108470
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).

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:	<ol style="list-style-type: none">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:	<u>NM_001108470.1, NP_001101940.1</u>
RefSeq Size:	3603 bp
RefSeq ORF:	2208 bp
Locus ID:	361508
Cytogenetics:	1q12