

Product datasheet for **MC216899**

Zfp58 (NM_001007575) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp58 (NM_001007575) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp58
Synonyms:	A530094I17Rik; Mfg-1; Mfg1; Rslcan5; Zfp817
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216899 representing NM_001007575
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGTCACTTCTGGGATGTGGCCATTGATTTTTCTCCAGAAGAGAGAGAATGCCTGGAGCCTGATCAGT
 GGGATCTGTACAGGGACGTGATGCTGGAGAATTACAGCCATCTGGATTTCTGGGTCTTGCTCTCTAA
 GCCATTCTGGTACATTTCTGGAGCAAAGACAAGGGCCTTGGGACGTGAAGAGACAAGCAGCAGCCGCT
 GTGACCCAGGAAAAACCGTCAACAAATGTAAAGATTTTCAAGCAAGGCCTTTTTTTGCAAGTCACTGCTTA
 CTCAGCACCAGAGAATTCGTACAGGGGAGAAAAGCCTTCAAGTGTGAAGAATGTGGTAAGGCCTTTAATAA
 TCGTTCAAACCTTTCTGAACACAAGAGAATACATACTGGAGAAAAACCTACAAATGTGAAGAATGTGGT
 AAGGCCTTCGTATTCGCTCAAACTTTCTACACACCAGAGATTCATACGGGAGAAAAACCTACAAAT
 GTGAAGAATGTGGTAAGGCCTTTAATAGTCATTCAAACCTTTCTGAACACAAGAGAATCCATACTGGAGA
 AAAACCGTACAAATGTGAAGAATGTGGCAAGGCCTTCAGTACTCGCTCAACATATTATAGACACCAGAAA
 AACCATACTGGGAAAAACCATACAAGTGTGAAGAATGCGCCAAAGAATTTCTACCCTTCATTGCTTA
 AGGTACATCAAAGAATTCATTCTGCAGAGAAATCTTACAAGTGTGAAGAATGTGGGAAACCATTTTACTG
 TCCTTTATTGCTTAAGAAGCATCAAATAATTCATTCTGCAGAGAAACCTACAAGTGTGCAGAATGTGGC
 AAAGCCTTTCCTACCCTTCATTGCTTAAGCGACATCAAAGAATTCATGCTGGAAAGAAACCTGTAAGT
 GTAAGACTGCGACAGGGCATTCTTACTCTCCGCATTCCTAAGCGTCATCAAAGAATTCATTCTGAAGA
 GAATTCCTACAAGTGTGGAGAATGTGGCAAAAGGTTTTGTTCTTTCCACACCTCAATATACCAAAGA
 TTTCTTCTGGAGAGAAACCATACAATGTGAACAATGTGGGAAAACATTTTCTACTCTCTTACCTTC
 CTTGGCATAAATTCGCTCATTCTGGGGAGAAGTCATAACAATGTGAAAAATGTGGGAAAATGTTTTACTC
 TACTTTGGACCTTAAAAACACCAAAAAATTCATGAATAAAGTGTGGGAATGTCATATGGCTTTCCT
 AATTATGCAGCCCTTACTGCACACCAGAGATTCATACTGGAGAGAAACCTCATGTATGCCAACAATGTG
 GAAAGACTTTTCTAGGATCGATAGCCTCAATCAGCATCAGCTTGTTCATACTGGAGAGAAACCTATAA
 ATGTGAAAAATGTGGCAAGTGCTTTTACCATCTTCATCCCTTAAAGACATCAAGGAATTCACTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001007575
- Insert Size:** 1470 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:**
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_001007575.2](#), [NP_001007576.1](#)
RefSeq Size: 2365 bp
RefSeq ORF: 1470 bp
Locus ID: 238693
UniProt ID: [P16372](#)
Cytogenetics: 13 B3
Gene Summary: May have a role during differentiation processes.[UniProtKB/Swiss-Prot Function]