

Product datasheet for **MC215978**

Zfp46 (NM_009557) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp46 (NM_009557) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp46
Synonyms:	AI426962; Mlz-4; Zfp-46; Znf436
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215978 representing NM_009557
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCATGTACCTCACTCGGGAAGAATGGAGACCTCTGGATCCTACACAGAGAGATCTTTACAGGGATG
 TGATGCAGGAGAATTACGAAATGTTGTCTCACTGGATTTTGGATCAGGAGCGAGAATGAAGCCAACCC
 CAAACAGGAGTTTGTGACGATGTGAATTCGCGACCATGTCGGAAGAGCCTCTTGAGAATGCCGAGAAG
 AATCCTGGAAGCGAAGAGGCCTTCGAAAGTGGGGACCAGGCAGAAAGGCCGTGGGGAGACCTGACAGCGG
 AGGAGTGGGTGAGCTACCCTCTCCAGCAAGTCACTGACCTGCTTGTCCACAAGGAAGCGCACGGGCAT
 CCGCTACCACATTTGTTCTCAGTGTGGGAAAGCCTTCAGTCAGATTTAGACCTCAATCGCCACCAGAAG
 ACGCACACGGGAGACAGGCCCTACAAGTGTACGAGTGCAGGGAAGGGCTTCAGCCGAGCTCCACCTCA
 TCCAGCACAGAGACGCACACGGGCGAGCGGCCCTACGACTGCAACGAGTGCAGGAAAAGCTTCGGCCG
 CAGCTCGCACCTCATCCAGCACAGACGATCCACACCGCGGAGAAGCCTCACAAAGTGCACCGAGTGCAGC
 AAAAGCTTCTGCCGCTCTCCACCTCATCCAGCACAGCGGACCACAGCGGGGAGAAGCCGTACGAGT
 GCGAGGAGTGCAGCAAGAGCTTCAGCCGACGCTCCACCTCGCCAGCACAGCGGACTCACACGGGCGA
 GAAGCCCTACGAGTGCCACGAGTGCAGGCGGGGCTTCAGCGAGCGCTCCGACCTCATCAAGCACTACCGC
 GTGCACACCGGGAGCGGCCCTACAAGTGCAGAGTGCAGGGAAGAACTTCAGCCAGAATCCGACCTGG
 TGCGGCACCGCGGGCGCACACCGGGGAGAAGCCCTACCACTGTAAAGAGTGCAGGGAAGAACTTCAGCCG
 CATCTCCACCTCGTCCAGCACAGCGGACTCACACGGGCGAGAAGCCGTACGAGTGCAGGCGCTGCGGG
 AAGAGCTTCAGCCGAGCTCGCACCTCATCACGACCAGAAGATCCACACCGGGGAGAAGCCCTACGAGT
 GTAACGAGTGTGGCGAAGCTTTGGGAAAGTCCGACCTCATCAAGCACAGCGAAGCCACACGGGAGAG
 AAAGCCCTACGAATGTGTGAGTGCAGTGCAGGAAAGGGCTTCACGAGAGCTCCAACCTCATCACGCATCAGAGA
 GTGCACACAGGAGAGAAGCCTTACGAATGTACCGAGTGTGATAAGAGTTTCAGCCGAGCTCAGCGCTTA
 TTAACACAAGAGAGTTTCAACGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_009557
- Insert Size:** 1359 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_009557.3](#), [NP_033583.2](#)
RefSeq Size: 4637 bp
RefSeq ORF: 1359 bp
Locus ID: 22704
UniProt ID: [Q8BPP0](#)
Cytogenetics: 4 68.34 cM
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]