

Product datasheet for **MC220636**

Zfp551 (NM_001033820) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp551 (NM_001033820) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp551
Synonyms:	9630004E07Rik; Znf551
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220636 representing NM_001033820
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCCGAGCCAGGCCTAGGGAAGAGACCTCGGCGACCTGGTCCTTGCTCCTCTACAGAATCCAATGG
 CTGTGGCCATGCACAGGAACATAGCCCAGGTTCCCTGACTTCAGAACCAGTTATGGAGCTTGGCCTGGA
 TGTGTCCTTTGAGGATGTGGCCATTCACTTCTCCAGGAAGAGTGGGTGCTCCTTGATAAGGCCAGAGA
 CTCCTGTACTGCAGTGTGATGCTGGAAACTTGGCACTTGTGGCATCTCTGGTTCTGTACTGGAATGG
 GGGATGAAGACGTAACCTGTGAGCCTGCAGAAGAGGTGGTGTGAACACAAGTCCATCTCCCAGGAGAC
 TCATCTCCTTGAGATACCTGTCCAGCTTTGGAAGAGGCTTGGCACCAGAATGAGTTCTTGAGCACACAG
 CCTGTGCAGACATTAGATTTGAGCAGAACAGGTTCCGGTTTGAAGGAAGACAGTAACCGGCATTGGAAGA
 GTTACAGTGGTAAAAGTCTGTGAAAGGGATTCTCACAGGGCTACAGCTATGTCAAGTTCAGATCCCA
 TGGGTTGACTGAGCCATTATCCGTGGGAAGGATGGTGAAGAGGCGCTCTCTCTATAGCTGGTGTTCAG
 CAGCAGGGTGCCTGTATAGTGAACAGCCCTCCACAGGCTGTCTCAACAGCAAGCCACTTGTATTTCGTG
 AACAGCCTTATAGCAGTGCCAAGTGTGGCAAGCACTTTTGAATGGAGAGAAACATTGTAAGGACGGTGA
 ATGCCAAAAGGTTCAAGCTGCAAAACACACTTGTTCAGTGTCCAAGTGCCTCCTCTGAGAAAAGGCCA
 TCTGAGTGTAGCAAGTATGAGAAAAGCCTTCTCCTGCAGTTACAAGCATGCTCAGCATCAGGACAGTCACT
 CGGGAAAAGGACACATGAGCATAGTCAGCATGAGAAGCCCTTCAGCAAAAAGTGCCGCCTCAACACACA
 AGACAGAAATTTGCTCAAGAAAGGCCCTATAATGTACTGAATGTGAAAAGCCTTTATCTACAAATCT
 GAACTCGTTTACCATCAGAGACATCACAGTGTAGAGTACATTAGAGTGTGTGGAATGTAGAAAATCCT
 TCACGTACAAATCCAACCTCACTGAACACCAGAGAATCCACACTGGAGAAAAGCCTTACCAGTGTGAACA
 ATGTGGAAAATCCTTCAGACAAAACCTAGCCTCTTTAGACACCACCGAATTCATACTGGAGAAAAGGCCA
 TACGAGTGTCCGAGTGTGGAAAATCCTTTAGACAGATCTTTAATCTCATCAGACACAGGCGAGTCCACA
 CTGGAGAAATGCCTCACCAGTGTGCTGATTGTGGAAAAGCCTTTAGTGCAAAGCTGAACTCAGTCAACA
 CGAGCGAATTCACAGCGGGAAAAGCCTTATGAGTGTAGCGAGTGTGAAAATACTTCAGGCAGTTCTCC
 AACCTCATTGACACCGGAGAGTACACACAGGTGACAGGCCTTACAAGTGCAGTGAATGTGAGAAATCCT
 TCAGTCGCAAATTCATCCTCGTCCAGCACCAAAGATTCACACTGGAGAAAAGCCTTACAAATGTGGGGA
 ATGCGGCACATCCTTACCCGAAAATCTGACCTCATCCAGCACCAAAGAATTCACACTGGCAGGAGACCT
 TATGAGTGTGAAGAGTGTGGGAAGTCAATCAGGCAATGCTCTAGCCTCATCCAGCACCGGAGAGTTCATA
 CCGGAGAGAAGCCTTATGAGTGTATCGAATGTGGGAAAAGCCTTTAGTCAGAGTGTAGCCTCATTCAACA
 CCAGAGACTGCACACTGGAGAAAAGGCCCTATGAGTGTAGTGAATGCGGGAAGTCTTTCAGCCAGAGTGT
 AGCCTGATTCAACACCAGAGAAGCCACAGTGGAGAAAACCTTTTGAATGTAGTGTGAGCAAAACCTT
 TCACCTATAAGTCTGACCTGATTCAGCACCGAAGGGTTCACTACTGGAGAAAAGCCTTACGAGTGCCATGA
 TTGTGAGAAAATCCTTTAGCCGTCGATCGAATCTTGTCCGACACCAGCGAGTTCACACCT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033820
- Insert Size:** 2091 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_001033820.3](#), [NP_001028992.2](#)

RefSeq Size: 2336 bp

RefSeq ORF: 2091 bp

Locus ID: 619331

UniProt ID: [B2RUI1](#)

Cytogenetics: 7 A1

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]