

## Product datasheet for **MC221802**

### Zfp27 (NM\_001037707) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp27 (NM_001037707) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp27
Synonyms:	mkr-4; mszf76; Zfp-27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221802 representing NM\_001037707  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATGTGACTATAGATTTTCAGCAGAGAGGAGTGGCAGCATCTAGATCTGCTCAAAGGAGTCTCTATC  
 GGGATGTGGTGCAGGAGACCTACAGTCACCTGCGCTCAGTGGAAGAACTACAGCAGATTGGTGACCAGAA  
 AAAGACCTACCAGCAAATAGGACATAAATCAGCGAGTGATATGGTTTTTCATCACGAAGACGCTGGGTGCA  
 GAGAGTTGCCATGACTACTCAGGCGTTAGGAAGGTGATTCATGTGAACTCATACTTTGTTCTCCCTCCCA  
 AGAGGCCACGTCCTGGGACCCACCTGAGGATGAGCCGAAGCATAGTTTCAGATTTACAGACTCATGATGA  
 AAGTAATGGGCTGAAGAGAACTAAAAGGATTACTGAATATGGTAAAATTTTCATCTGTATCAACTGAA  
 CATATTCTAACAGGAGAGAAATTACCGACCATAATCAATGTGGAAGTCCCGGTTATAACAATAAC  
 CTTGTCAATATCAGAAAATTCATACTGGGAGAAATCATATGAATGTGCTGAATTTGAAAGATTTTAC  
 CCAGAAGTCACAGCTCAGAGTACACGTGACGTCTCTACAGGAGAAAACTCTACGTGTGCGTCAATGT  
 GGAAGGCATGTTCTCAGACGTGAGAGTTCCTCACACATCAAAAAACCCACACCGAGGAGAAAGCCCTATA  
 AATGCGGTGACTGTGGAAGTCTTTTTCCAAGTATCTTCTCTGTTTCAGGCACCGGAGGATCCACTGAG  
 AGAAAAGCTCTACGACTGTAGCCATTGTGGAAAGGCTTCTTTACAACCTCAGACCTCAGGATACATCAG  
 AAGATCCATACAGGAGAGAAACGCCATGGCTGCGTCACTGTGGCAAAGCCTTCACAAAAAGTCCACAC  
 TGAGGATGCACCAAGATCCACACGGGCGAGAGGGCCATGTCTGTATTGAGTGTGGACAGGCTTTTAT  
 CCAGAAGACACCTGGTGCACACCGAAGAATTCACACTGGAGAGAAGCCATACGCGTGTGACGGCTGT  
 GGCAAAGCCTTCTTTCCAAGTCCCACTCTGGTCCACCAGCAATTCCTCAAGAGTGAAGGCTGAGGCTGT  
 TATCTTCGACCGTGCAGAAACCTTCAGCAGCGTCCCAACCTCTTCCGCGTAAGAAAGTTCAAATGAG  
 AGAGAAATCGTCCATCTGCGCGGAGTGTGGGAAGGCTTTACCTACAGGTCGGAGCTAATCATTATCAG  
 AGAACTCACACGGGAGAGAAGCCTTATCAGTGCAGGACTGTGGCAAAGCCTTACCCAGAAAGTACAGCC  
 TCACCGTGCACCAAGAATCCACACGGGGGAGAAGTCTGTATGTGTGTGAAGTGCAGGCTAGCCTTCGT  
 GCAAAGGGCACACTTGGATGCACACAGGTGATTCACACTGGAGAAAAACCTTACCAGTGTGGTCAATGT  
 GGGAAATTTCTCACTTCCAAGTGCACCTCCACGTGCACAAGCGGATTCACACGGGGGAAAAACCTATG  
 TGTGCAGTAACTGTGGGAAGCCTTTGCCAACAGGTCAAATCTCATCACATCAGAAAACCTCATACAGG  
 GGAGAAAGCCTATGTCTGTGCAAGGTGTGGAAAGCATTCACTCAGAGGTGAGACCTGGTTACACACCAG  
 AGGATACATACCGGAGAGAAGCCATATGGGTGTAGCACCTGCGGAAAGCCTTTACCCAGAAATCACACC  
 TCAGTATACAGAGAAGATTCACACCGGAGAGAGACAGTACGGATGCCGAGACTGTGGGAAAGCCTTCAA  
 CCAGAAATCCATACTCATCGTGACCAAGAAATCCACACGGGGGAGAAACCGCACGTGTGTGCCGAGTGC  
 GGGCGAGCTTTCATCCGCAAGTCCAACCTTCATACCCATCAGCGCATCCATACTGGCGAGAAACCTTATG  
 GATGCACCGACTGCGGCAAGTCTTTACCTCCAAGTGCAGCTCTGTTGCACCGGCCAATCCACACCGG  
 CGAGAAACCTTACGTGTGTGCCGAGTGTGGAAAGCCTTTAGCGGCAGGTCAAATCTCAGCAAGCACCAG  
 AAGACTCACACTGGGAGAAAGCCGTACGCGTGTTCAGAGTGTGGAAAGTCTTCAGGCAGAAAGTCAAGC  
 TGATTACACACCACAGAATCCACACTGGGAGAAAGCCGTACGATTGCGGCGACTGCGGGAATCCTTAC  
 TAAGAAATCCCAGCTCCAAGTGCATCAGCGAATTCACACAGGAGAGAAGCCGTACAGATGTGCCGAGTGC  
 GGGAAAGCCTTACCGATAGGTCCAATTTGAATAAACATCAAACAACACACACCGGAGAGAAACCTTATA  
 AGTGTGTAGTCTGTGGGAAAGCCTTTGTGCAGAAGTCACTGCTCAGCATTATGAGAATGTTACACCTC  
 GGCAGT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001037707  
**Insert Size:** 2460 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001037707.1</a> , <a href="#">NP_001032796.1</a>
<b>RefSeq Size:</b>	3529 bp
<b>RefSeq ORF:</b>	2460 bp
<b>Locus ID:</b>	22689
<b>UniProt ID:</b>	<a href="#">P10077</a>
<b>Cytogenetics:</b>	7 B1
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) differs in the 5' UTR compared to variant 3. All four variants encode the same protein.