

Product datasheet for **MC228994**

Zfp27 (NM_001285798) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp27 (NM_001285798) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp27
Synonyms:	mkr-4; mszf76; Zfp-27
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228994 representing NM_001285798
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATGTGACTATAGATTTTCAGCAGAGAGGAGTGGCAGCATCTAGATCTGCTCAAAGGAGTCTCTATC
 GGGATGTGGTGCAGGAGACCTACAGTCACCTGCGCTCAGTGGAAGAACTACAGCAGATTGGTGACCAGAA
 AAAGACCTACCAGCAAATAGGACATAAATCAGCGAGTGATATGGTTTTTCATCACGAAGACGCTGGGTGCA
 GAGAGTTGCCATGACTACTCAGGCGTTAGGAAGGTGATTCATGTGAACTCATACTTGTCTCCCTCCCA
 AGAGGCCACGTCCTGGGACCCACCTGAGGATGAGCCGAAGCATAGTTTCAGATTTACAGACTCATGATGA
 AAGTAATGGGCTGAAGAGAACTAAAAGGATTACTGAATATGGTAAAATTTTCATCTGTATCAACTGAA
 CATATTCTAACAGGAGAGAAATTACCGACCATAATCAATGTGGAAAAGTCTCGGTTATAACAATAAC
 CTTGTCAATATCAGAAAATTCATACTGGGAGAAAATCATATGAATGTGCTGAATTTGAAAGATTTTAC
 CCAGAAGTCACAGCTCAGAGTACACGTGACGTCTCTACAGGAGAAAACTCTACGTGTGCGTCAATGT
 GGAAGGCATGTTCTCAGACGTGAGAGTTCCTCACACATCAAAAAACCCACACCGAGGAGAAAGCCCTATA
 AATGCGGTGACTGTGGAAGTCTTTTTCCAAGTATCTTCTCTGTTTCAGGCACCGGAGGATCCACTGAG
 AGAAAAGCTCTACGACTGTAGCCATTGTGGAAAGGCTTCTTACAACCTCAGACCTCAGGATACATCAG
 AAGATCCATACAGGAGAGAAACGCCATGGCTGCGTCACTGTGGCAAAGCCTTCACAAAAAGTCCACAC
 TGAGGATGCACCAAGATCCACACGGGCGAGAGGGCCATGTCTGTATTGAGTGTGGACAGGCTTTTAT
 CCAGAAGACACCTGGTGCACACCGAAGAATTCACACTGGAGAGAAGCCATACGCGTGTGACGGCTGT
 GGCAAAGCCTTCTTTCCAAGTCCCACTCTGGTCCACCAGCAATTCCTCAAGAGTGAAGGAGGAGGCTGT
 TATCTTCGACCGTGCAGAAACCTTCAGCAGCGCTCCCAACCTCTTCCGCGTAAGAAAGTTCAAATGAG
 AGAGAAAATCGTCCATCTGCGCGGAGTGTGGAAAGGCTTTACCTACAGGTGCGAGCTAATCATTATCAG
 AGAACTCACACGGGAGAGAAGCCTTATCAGTGCAGGACTGTGGCAAAGCCTTACCCAGAAAGTACAGCC
 TCACCGTGCACCAAGAATCCACACGGGGGAGAAGTGTATGTGTGTGAAGTGCAGGCTAGCCTTCGT
 GCAAAGGGCACACTTGGATGCACACAGGTGATTCACACTGGAGAAAAACCTTACCAGTGTGGTCAATGT
 GGGAAATTTCTCACTTCCAAGTGCACCTCCACGTGCACAAGCGGATTCACACGGGGGAAAAACCTATG
 TGTGCAGTAACTGTGGAAAGCCTTTGCCAACAGGTCAAATCTCATCACATCAGAAAACCTCATACAGG
 GGAGAAAGCCTATGTCTGTGCAAGGTGTGGAAAGCATTCACTCAGAGGTGAGACCTGGTTACACACCAG
 AGGATACATACCGGAGAGAAGCCATATGGGTGTAGCACCTGCGGAAAGCCTTTACCCAGAAATCACACC
 TCAGTATACACGAGAAGATTCACACCGGAGAGAGACAGTACGGATGCCGAGACTGTGGAAAGCCTTCAA
 CCAGAAATCCATACTCATCGTGACCAAGAAAATCCACACGGGGGAGAAACCGCACGTGTGTGCCGAGTGC
 GGGCGAGCTTTCATCCGCAAGTCCAACCTTCATACCCATCAGCGCATCCATACTGGCGAGAAACCTTATG
 GATGCACCGACTGCGGCAAGTCTTTACCTCCAAGTGCAGCTCTGGTGCACCGGCCAATCCACACCGG
 CGAGAAACCTTACGTGTGTGCCGAGTGTGGAAAGCCTTTAGCGGCAGGTCAAATCTCAGCAAGCACCAG
 AAGACTCACACTGGGAGAAAGCCGTACGCGTGTTCAGAGTGTGGAAAGTCTTCAGGCAGAAAGTACAGGC
 TGATTACACACCACAGAATCCACACTGGGAGAAAGCCGTACGATTGCGGCGACTGCGGGAAATCCTTAC
 TAAGAAATCCCAGCTCCAAGTGCATCAGCGAATTCACACAGGAGAGAAGCCGTACAGATGTGCCGAGTGC
 GGAAGGCCTTACCGATAGGTCCAATTTGAATAAACATCAAACAACACACACCGGAGAGAAACCTTATA
 AGTGTGTAGTCTGTGGAAAGGCTTTGTGCAGAAGTCACTGCTCAGCATTATGAGAATGTTACACCTC
 GGCAGT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001285798
Insert Size: 2460 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001285798.1</u> , <u>NP_001272727.1</u>
RefSeq Size:	3755 bp
RefSeq ORF:	2460 bp
Locus ID:	22689
UniProt ID:	<u>P10077</u>
Cytogenetics:	7 B1
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 3. All four variants encode the same protein.