

Product datasheet for **MC228276**

Zfp37 (NM_001290353) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp37 (NM_001290353) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp37
Synonyms:	Tzn; Zfp-37
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228276 representing NM_001290353
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGAAATCAAGATCCCAACAAGACATAGTCTCCGTGTGGAAGAAGAAGAGCCATCATCGGAAAGG
 GGAAAAAGCCAGCCCAAGTAGTCTGAAAAAATAGCAAGGCCCAAGACAGCAGGAACAAGTGCAAACT
 CCAACAAGATGATGAGCATAGGGAGGAAAAAGCAGAAGTCCCAAAGCAAATTTACTAAGGAAGTGACTCT
 AGGAAGAAAAGTTCCAACAGCAAGAAAAGCAGTGAGTATGGTTTGTGGAGAACAAAAGTCTCCACTCAA
 AACACTCTCCGAGAAAAAAGTCTTAAGTCCAGTCCCCTGGGAAGAACTCGAATCAGAATTCAGAC
 CTCTCTGAAAAAGAACTGACACAGCTAATGACCACAGGAACTCACTCAGCCATTCTGCATCTGATGTG
 AACAAAGATGAAATTCAACTAGAAAGAAATGCGACAAGTTACCCAACAATAAGTTGTCTGATAAAGGTG
 AAAAAACCAAACAGCAAAAAATGTGAGAAAGTATGCCGTATAGTGCATCCCATACCAAGGAAGACAA
 AATTCAGACCGGGGAGAAACGGAATCACACTGCCGTACTCCATCTAAACCTGAAAAAGCCCCAGTTCT
 GGGAAACCTTATGAATGTAACCACTGTGGGAAGTCTCAGCCATAAACAGGGACTCCTTGACCATCAA
 GAACTCAGCTGGGAGAAACCATATGAATGTAATGAATGTGGGATAGCTTTAGCCAGAAAGTCCCACCT
 TGTGTACATCAGAGAACTCACACTGGGAAAAACCATACGAGTGTGAACAGTGTGGCAAAGCACACGGA
 CATAAACATGCCCTCACTGACCATTAAGAATCCATACTGGAGAAAAGCCCTACAATGTAATGAATGTG
 GCAAAACGTTTAGACACAGCTCAAACCTTATGCAACACCTAAGATCTCACACGGGTGAGAAGCCGTATGA
 ATGTAAGGAATGTGGCAAATCCTTTAGATATAATTCATCTTTACTGAACATGTGAGAACACACACAGGT
 GAAATACCATACGAATGTAACGAATGTGGCAAAGCTTTCAAGTATGGCTCATCCCTGACTAAACATATGC
 GGATTCATACAGGGGAGAAACCATTTGAATGTAATGAATGTGGGAAAACCTTTTAGCAAAAAGTACACCT
 AGTTATACATCAAAGAAGTCAACAAAGGAGAAACCTTATAAATGTGATGAGTGTGGGAAAAGCCTTTGGA
 CATAGCTCATCTTTACCTACCATATGAGAAGTACACAGGTGACTGCCCTTTGAATGTAATCAATGTG
 GTAAGGCCTTTAAACAGATTGAAGGCCTTACCAACACCAGAGAGTTCACACAGGGGAGAAACCTATGA
 GTGTGTTGAATGTGGAAAGCCTTTAGTCAGAAGTACACCTCATCGTACACCAGAGAACTCATAACGGG
 GAGAAACCTTTGAATGTTATGAGTGTGGAAAAGCCTTCAATGCAAAATCACAACCTGTTATTATCAGAG
 GATCCCACTGGAGAGAAACCTATGAATGATTGAATGTGGTAAAGCCTTCAAGCAAAATGCCTCTCT
 TACCAACATATGAAAATTCCTCAGAAGAACAATCTGAGGAAGAAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001290353
- Insert Size:** 1662 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:

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_001290353.1](#), [NP_001277282.1](#)

RefSeq Size: 3495 bp

RefSeq ORF: 1662 bp

Locus ID: 22696

Cytogenetics: 4 33.04 cM

Gene Summary: May have a role in regulating spermiogenesis.[UniProtKB/Swiss-Prot Function]