

## Product datasheet for **MC228396**

### Zfp37 (NM\_001290351) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp37 (NM_001290351) 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:** >MC228396 representing NM\_001290351  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCTACATCCGAGCCTGCGGAAAGCGATGCGAAGGAATGGGAGCAGCTGGAACCTGTGCAGAGAGATG  
 TGTACAAGGATACGAAGCTAGAGAAGTGCAGCAATCCAGCCTCCATGGGAAATCAAGATCCCAAACAAGA  
 CATAGTCTCCGTGTTGGAAGAAGAAGAGCCATCATCGGAAAGGGGAAAAAGCCAGCCCAAGTAGTCTG  
 AAAAAATAGCAAGGCCCAAGACAGCAGGAACAAGTGCAAACTCCAACAAGATGATGAGCATAGGGAGG  
 AAAAGCAGAAGTCCCAAAGCAAACCTTACTAAGGAAGTGACTCAGGAAGAAAAGTTCCAACAGCAAGAA  
 AAGCAGTGAGTATGGTTTGTGGAGAACAAAAGTCTCCACTCAAAACACACTCCTTCCGAGAAAAAACTG  
 CTTAAGTCCAGTCCCGTGGGAAGAACTCGAATCAGAATTCAGACTCTCTGAAAAAGAACTGACACAG  
 CTAATGACCACAGGAAATCACTCAGCCATTCTGCATCTGATGTGAACAAAGATGAAATTCCTCACTAGAAA  
 GAAATGCGACAAGTTACCCAACAATAAGTTGTCTGATAAAGGTGACAAAAACCAACCAGCAAAAAATGT  
 GAGAAAGTATGCCGTCATAGTGCATCCCATACCAAGGAAGACAAAATTCAGACCGGGGAGAAACGAAAT  
 CACACTGCCGTAATCTAAACCTGAAAAAGCCCCAGGTTCTGGGAAACCTTATGAATGTAACCACTG  
 TGGGAAGGTCCTCAGCCATAAACAGGGACTCCTTGACCATCAAAGAACTCACACTGGGGAGAAACCATAT  
 GAATGTAATGAATGTGGGATAGCTTTACGCCAGAAGTCCCACCTTGTGTACATCAGAGAAGTCACTG  
 GGGAAAAACCATACGAGTGTGAACAGTGTGGCAAAGCACACGGACATAAATGTCCTCACTGACCATCT  
 AAGAAATCCATACTGGAGAAAAGCCCTACAAATGTAATGAATGTGGCAAACGTTTAGACACAGCTCAAAC  
 CTTATGCAACACCTAAGATCTCACACGGGTGAGAAGCCGTATGAATGTAAGGAATGTGGCAAACTCTTA  
 GATAAATTCATCTTTACTGAACATGTGAGAACACACAGGTGAAATACCATACGAATGTAACGAATG  
 TGGCAAAGCTTTCAAGTATGGCTCATCCCTGACTAAACATATGCGGATTCATACAGGGGAGAAACCATTT  
 GAATGTAATGAATGTGGGAAACTTTTAGCAAAAAGTCAACCTAGTTATACATCAAAGAACTCATAACA  
 AGGAGAAACCTTATAAATGTGATGAGTGTGGGAAAGCCTTTGGACATAGCTCATCTCTTACCTACCATAT  
 GAGAACTCATAAGGTGACTGCCCTTTGAATGTAATCAATGTGGTAAGGCCTTTAAACAGATTGAAGGC  
 CTTACCCAACACCAGAGAGTTACACAGGGGAGAAACCTATGAGTGTGTTGAATGTGGGAAAGCCTTTA  
 GTCAGAAGTCAACCTCATCGTACACCAGAGAAGTCAACAGGGGAGAAACCTTTGAATGTTATGAGTG  
 TGGAAAAGCCTTCAATGCAAAATCACAAGTGTATTTCATCAGAGATCCACACTGGAGAGAAACCTTAT  
 GAATGTATTGAATGTGGTAAAGCCTTCAAGCAAAATGCCTCTCTTACCAACATATGAAAATTCCTCAG  
 AAGAACAATCTGAGGAAGAAGAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001290351
- Insert Size:** 1776 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\\_001290351.1](#), [NP\\_001277280.1](#)

**RefSeq Size:** 3588 bp

**RefSeq ORF:** 1776 bp

**Locus ID:** 22696

**Cytogenetics:** 4 33.04 cM

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