

Product datasheet for **MC228406**

Zfp37 (NM_001290350) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp37 (NM_001290350) 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: >MC228406 representing NM_001290350
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTACATCCGAGCCTGCGGAAAGCGATGCGGTGAGGGCGAAGGAATGGGAGCAGCTGGAACCTGTGC
 AGAGAGATGTGTACAAGGATACGAAGCTAGAGAACTGCAGCAATCCAGCCTCCATGGGAAATCAAGATCC
 CAAACAAGACATAGTCTCCGTGTTGGAAGAAGAAGAGCCATCATCGGAAAGGGGAAAAAGCCAGCCCA
 AGTAGTCTGAAAAAATAGCAAGGCCAAGACAGCAGGAACAAGTGCAAAACTCCAACAAGATGATGAGC
 ATAGGGAGGAAAAGCAGAAGTCCCAAAGCAAATTAAGGAAGTGACACTCAGGAAGAAAAGTTCCAA
 CAGCAAGAAAAGCAGTGAGTATGGTTTGTGGAGAACAAAAGTCTCCACTCAAAACACTCCTTCCGAG
 AAAAACTGCTTAAGTCCAGTCCCGTGGGAAGAACTCGAATCAGAATTCAGACTCTCTGAAAAAGAAAC
 CTGACACAGCTAATGACCACAGGAAATCACTCAGCCATTCTGCATCTGATGTGAACAAAGATGAAATTC
 AACTAGAAAGAAATGCGACAAGTTACCCAACAATAAGTTGTCTGATAAAGGTGACAAAAACCAAACCAGC
 AAAAAATGTGAGAAAGTATGCCGTCATAGTGCATCCCATACCAAGGAAGCAAAAATTCAGACCGGGGAGA
 AACGAAAATCACACTGCCGACTCCATCTAAACCTGAAAAAGCCCCAGGTTCTGGGAAACCTTATGAATG
 TAACCACTGTGGGAAGGTCTCAGCCATAAACAGGGACTCCTTGACCATCAAAGAACTCACACTGGGGAG
 AAACCATATGAATGTAATGAATGTGGGATAGCTTTCAGCCAGAAGTCCCACCTTGTGTACATCAGAGAA
 CTCACACTGGGAAAAACCATACGAGTGTGAACAGTGTGGCAAAGCACACGGACATAAACATGCCCTCAC
 TGACCATAAGAATCCATACTGGAGAAAAGCCCTACAAATGTAATGAATGTGGCAAACGTTTAGACAC
 AGCTCAAACCTTATGCAACACCTAAGATCTCACACGGGTGAGAAGCCGTATGAATGTAAGGAATGTGGCA
 AATCCTTTAGATAAATTCATCTTACTGAACATGTGAGAACACACAGGTGAAATACCATAAGGAATG
 TAACGAATGTGGCAAAGCTTCAAGTATGGCTCATCCCTGACTAAACATATGCGGATTCATACAGGGGAG
 AAACCATTTGAATGTAATGAATGTGGGAAAACCTTTAGCAAAAAGTCACACCTAGTTATACATCAAAGAA
 CTCATACAAAGGAGAAACCTTATAAATGTGATGAGTGTGGGAAAGCCTTTGGACATAGCTCATCTTTAC
 CTACCATATGAGAACTCATACAGGTGACTGCCCTTTGAATGTAATCAATGTGGTAAGGCCTTTAAACAG
 ATTTGAAGCCTTACCCAACACCAGAGAGTTCACACAGGGGAGAAACCTATGAGTGTGTTGAATGTGGGA
 AAGCCTTAGTCAGAAGTCACACCTCATGTACACCAGAGAACTCATACAGGGGAGAAACCTTTGAATG
 TTATGAGTGTGGAAAAGCCTTCAATGCAAAATCACAACCTGTTATTTCATCAGAGATCCCACACTGGAGAG
 AAACCTATGAATGTATTGAATGTGGTAAAGCCTTCAAGCAAAAATGCCTCTCTTACCAACATATGAAAA
 TTCACTCAGAAGAACAATCTGAGGAAGAAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290350
- Insert Size:** 1785 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_001290350.1](#), [NP_001277279.1](#)

RefSeq Size: 3597 bp

RefSeq ORF: 1785 bp

Locus ID: 22696

UniProt ID: [P17141](#)

Cytogenetics: 4 33.04 cM

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