

## Product datasheet for **MC228051**

### Zfp82 (NM\_001252519) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp82 (NM_001252519) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp82
Synonyms:	A030010D05; Krab16; Mszf3; Zfp-82
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228051 representing NM\_001252519  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCCGTGTGTCAGTGGTGTTCAGTGTGTGCCATAGCCTTCTCGCAGGAGGAGTGGGAGTCCCTGG  
 ACTTAGAACAGAGGAATTTGTACAAGGATGTGATGATGGAGAACCACCAATGTGCCTCGCTAGATTC  
 GGAAACTAAGGATGAGACCAACCAGGTGTTCTCAGAAAATGGTATTTATGAAATGAATTTATCCCAGTGG  
 AAGATAATGAAAAGAATTGGGAACAGTGGCCTAAAGAGCCTCCTTTAAAAAATGGATGGGAGTCGAGAA  
 GAAAACAGGAAAGACAAGAGGACCCTCAGGAGGGGTATCTCAGTCAAGTGAAGCACACATCTGAAAGAGT  
 GTCCTCTTATGAGAAGCGCGCATTAACTACACGTGAGAGGATCCACTTTGTGGAGAAACCCTATGAGTGC  
 AATGAATGTGGGAAGGCCTTTAGAGTCCGCCAGCAGCTCACTTTTCATCACAGAATTCACACAGGCGAGA  
 AGCCCTATGAATGTAAGGAGTGTGGGATGGCCTTCAGGCAGACGGCCACCTTACCAGGCACCAGAGACT  
 GCATTCTGGTAAAAACTGTATGAATGCAAGGAGTGTGGCAAGCTTTCATATACGGCCCGAGCTCAGA  
 GCACATCAGAAGCTTCACACCGCGGAGAAGCCCTACACGTGTAGAGAATGTGGGAAAAGCCTTCAGGGTAC  
 GGGGACAACCTCACTCTCCATCAGAGGATCCATACTGGGGAGAAGCCCTATGTGTGTCAGGAGTGTGGAA  
 GGCTTCAGGCAGTTGGCGCACCTCACTCGCCATCAGAAGCTTAATGTCGTGACAGACTGTACGAGTGT  
 AAAGAGTGTGGGAAAGACTTTTTGTGTGGCTCTGGCCTTAGAGTACATCACAACCTTCACACTGGTGAGA  
 AACCTATGAGTGCAAGGACTGTGGGAAGGCGTTTAGAGTTCGACAGCAGCTAACGCTCCATCAGAGGAG  
 TCATACTGGGGAGAAGCCCTATGAGTGCAGTGTGGGAAGACCTTTAGTCGGGGCTACCATCTTATT  
 CTCCATCACAGAATCCATACTGGAGAAAAGCCTTACGAATGCAAGGAGTGTGGAAAGGCGTTCAGTCGT  
 ACTCACAGCTTATTTTCGCATCAGAGCATCCATATTGGGGTTAAACCCTATGACTGCAAGGACTGTGGGAA  
 AGCCTTCAGACTCCTCTCAGCTCACACAGCATCAGAGTGTTCATGCCGGGGAGAAGCCTTACTCTTGT  
 AAGGAATGCGGGAAAGTCTTTAGATTGCGTCAGAAACTTGTCTCCACCAGAGTATTCATACTGGCGAAA  
 AGCCCTTTGAGTGCAAAGAATGTAGGAAGGCTTTGACTTAATTTCTTCTTATCCAACATCTGAGAAT  
 CCATTCTGGTGAGAAACCCTATGAGTGTAAAGAGTGTAAAGAGGCTTTAGACAACATTCTCACCTCACC  
 CATCATCTGAAGGTTCACTGTCAAAGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001252519
- Insert Size:** 1503 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\\_001252519.1](#), [NP\\_001239448.1](#)

**RefSeq Size:** 2030 bp

**RefSeq ORF:** 1503 bp

**Locus ID:** 330502

**UniProt ID:** [Q6P9Y7](#)

**Cytogenetics:** 7 B1

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.