

## Product datasheet for **MC227804**

### Zfp2 (NM\_001044698) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp2 (NM_001044698) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp2
Synonyms:	9930007F06Rik; Fnp-2; mkr-2; mKR2; mszf87; Zfp-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC227804 representing NM\_001044698  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGACAGGGAAGATCTCTGGCATTAGCTTTGGGGCTGTCTGGGATCCTACCTGTTGGTTAAAGGGC  
 AACAGGAGAGATACCTGGGCAAGTGACAGTGGCCCAAAAGGAAATCTATAATGAGAAGAGTGTGTGG  
 AGGTAATACAACAGAACTCTCCACTGAGGGATCAATGCTTAATACACCACAAAGCATTCTGTGACA  
 CCTTGTAAATTGGAATTCATATAGAAAAGATTCTAAACAAAATTCTGAGTTAATGAAAACCTCAAGAATGT  
 TTGTACAAAAGAAAGTATATGGCTGTGATGAGTGTGGGAAAACCTTCAGGCAGAGTTCATCCCTGCTTAA  
 GCATCAGAGGATTCACACTGGGAGAAACCTACACATGCAACGTGTGTGACAAGCATTTCATCGAACGC  
 TCCTCCCTCACTGTGCATCAGAGGACTCACACGGGAGAAAACCTACAAATGTCATGAGTGTGGGAAAG  
 CCTTTAGTCAGAGTATGAACCTTACTGTTTCATCAGAGAACTCACACTGGAGAGAAGCCTTATCAGTGCAA  
 AGAGTGTGGGAAAGCATTCCGCAAGAATTCATCCCTTATCAACACGAAAGGATTTCATCTGGAGAGAAG  
 CCTTACAAATGTCATGATTGTGGGAAAGCTTTTACACAAAGCATGAATCTTACAGTGCACCGAGAGAACCC  
 ATACTGGTGAAAAACCTATGAATGTAACCAATGTGGCAAAAGCCTTCAGCCAAAGCATGCACCTTATTGT  
 TCATCAGAGAAGTCACTGGAGAGAAACCTATGAATGCAGTGAATGTGGGAAAGCCTTTAGTAAAAGC  
 TCAACTCTCACTACATCAGAGAAATCACACTGGAGAAAAGCCCTACAAATGTAACAAGTGTGGTAAAGT  
 CCTTTAGTCAAAGTACATACCTTATAGAATCAGAGACTTCACTCCGGAGTGAAACCTTTTGAATGCAA  
 TCAGTGTGGAAAAGCTTTAGTAAAGAAATCTTCCCTTACTCAGCATCGCAGAATTCACACCGGTGAGAAA  
 CCTTATGAGTGTATGATCTGTGGAAAGCATTTCCTGGAAGATCATCCCTAACTGTACACCAAGTTATAC  
 AACTGGAGAGAAGCCCTATGAGTGCATGAATGTGGAAAGGCATTTCAGCCAAAGCGCCTATCTCATTGA  
 ACATCAAAGGATTCATACTGGTGAAAAACCTATGAATGTGATCAGTGTGGGAAAGCTTTTACAAAAGAAC  
 TCATCCCTTATAGTGCACCGAGGATACATACAGGAGAGAAAACCTATCAGTGAATGAATGTGGAAAGT  
 CCTTCAGTAGGAGTACAAACCTTACAAGACATCAGAGGACTCATA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001044698
- Insert Size:** 1380 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\\_001044698.2](#), [NP\\_001038163.1](#)

**RefSeq Size:** 3128 bp

**RefSeq ORF:** 1380 bp

**Locus ID:** 22678

**UniProt ID:** [P08043](#)

**Cytogenetics:** 11 30.94 cM

**Gene Summary:** Probable transcription factor involved in neuronal differentiation and/or phenotypic maintenance.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 2. Variants 2, 3, 4, 6 and 7 encode the same protein.