

Product datasheet for **MC227807**

Zfp2 (NM_178447) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp2 (NM_178447) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp2
Synonyms:	9930007F06Rik; Fnp-2; mkr-2; mKR2; mszf87; Zfp-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC227807 representing NM_178447
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAGGGAAGATCTCTGGCATTAGCTTTGGGGCTGTCTGGGATCCTACCTGTTGGTTAAAGGGC
 AACAGGAGAGATACCTGGGCAAGTGACAGTGGCCAAAAGGAAATCTATAATGAGAAGAGTGTGTGG
 AGGTAATACAACAGAACTCTCCACTGAGGGATCAATGCTTAATACACCACAAAGCATTCTGTGACA
 CCTTGTAAATTGGAATTCATATAGAAAAGATTCTAAACAAAATTCTGAGTTAATGAAAACCTCAAGAATGT
 TTGTACAAAAGAAAGTATATGGCTGTGATGAGTGTGGGAAAACCTTCAGGCAGAGTTCATCCCTGCTTAA
 GCATCAGAGGATTCACACTGGGAGAAACCTACACATGCAACGTGTGTGACAAGCATTTCATCGAACGC
 TCCTCCCTCACTGTGCATCAGAGGACTCACACGGGAGAAAACCTACAAATGTCATGAGTGTGGGAAAG
 CCTTTAGTCAGAGTATGAACCTTACTGTTTCATCAGAGAACTCACACTGGAGAGAAGCCTTATCAGTGCAA
 AGAGTGTGGGAAAGCATTCCGCAAGAATTCATCCCTTATCAACACGAAAGGATTTCATGAGAGAGAAG
 CCCTACAAATGTCATGATTGTGGGAAAGCTTTACACAAAAGCATGAATCTTACAGTGCACCGAGAGAACCC
 ATACTGGTGAAAAACCTATGAATGTAACCAATGTGGCAAAGCCTTCAGCCAAAGCATGCACCTTATTGT
 TCATCAGAGAAGTCACTGGAGAGAAACCTATGAATGCAGTGAATGTGGGAAAGCCTTTAGTAAAAGC
 TCAACTCTCACTACATCAGAGAAATCACACTGGAGAAAAGCCCTACAAATGTAACAAGTGTGGTAAAGT
 CCTTTAGTCAAAGTACATACCTTATAGAATCAGAGACTTCCTCCGGAGTGAAACCTTTTGAATGCAA
 TCAGTGTGGAAAAGCTTTAGTAAGAATTTCTCCCTTACTCAGCATCGCAGAATTCACACCGGTGAGAAA
 CCTTATGAGTGTATGATCTGTGGAAAGCATTTCCTGGAAGATCATCCCTAACTGTACACCAAGTTATAC
 ACATGGAGAGAAGCCCTATGAGTGCCTGAATGTGGAAAGGCATTTCAGCCAAAGCGCCTATCTCATTGA
 ACATCAAAGGATTCATACTGGTGAAAAACCTATGAATGTGATCAGTGTGGGAAAGCTTTTCATAAAGAAC
 TCATCCCTTATAGTGCACAGAGGATACATACAGGAGAGAAAACCTATCAGTGAATGAATGTGGAAAGT
 CCTTCAGTAGGAGTACAAACCTTACAAGACATCAGAGGACTCATA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_178447
- 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_178447.3](#), [NP_848542.1](#)

RefSeq Size: 3169 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 (2) represents the longest transcript. Variants 2, 3, 4, 6 and 7 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.