

Product datasheet for **MC227805**

Zfp2 (NM_001044700) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp2 (NM_001044700) 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: >MC227805 representing NM_001044700
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGACAGGGAAGATCTCTGGCATTAGCTTTGGGGGCTGTCTGGGATCCTACCTGTTGGTTAAAGGGGC
 AACAGGAGAGATACCTGGGCCAAGTGACAGTGGCCCAAAAGGAAATCTATAATGAGAAGAGTGTGTGTGG
 AGGTAATACAAGTGAAGTCTTCCACTGAGGGATCAATGCTTAATACACCACAAAGCATTCTGTGACA
 CCTTGTAATTGGAATTCATATAGAAAAGATTCTAAACAAAATTCTGAGTTAATGAAAACCTCAAGAAATGT
 TTGTACAAAAGAAAGTATATGGCTGTGATGAGTGTGGGAAACCTTCAGGCAGAGTTTCATCCCTGCTTAA
 GCATCAGAGGATTCACACTGGGAGAAACCTACACATGCAACGTGTGTGACAAGCATTTCATCGAACGC
 TCCTCCCTCACTGTGCATCAGAGGACTCACACGGGAGAAAAACCTACAAATGTCATGAGTGTGGGAAAG
 CCTTTAGTCAGAGTATGAACCTTACTGTTTCATCAGAGAACTCACACTGGAGAGAAGCCTTATCAGTGCAA
 AGAGTGTGGGAAAGCATTCCGCAAGAATTCATCCCTTATTCAACACGAAAGGATTCACTGGAGAGAAG
 CCTACAAATGTCATGATTGTGGGAAAGCTTTACACAAAGCATGAATCTTACAGTGCACCAGAGAACCC
 ATACTGGTGAAAAACCTATGAATGTAACCAATGTGGCAAAGCCTTCAGCCAAAGCATGCACCTTATTGT
 TCATCAGAGAAGTCACTGGAGAGAAACCTATGAATGCAGTGAATGTGGGAAAGCCTTTAGTAAAGC
 TCAACTCTCACTACATCAGAGAAATCACACTGGAGAAAAGCCCTACAAATGTAACAAGTGTGGTAAGT
 CCTTTAGTCAAAGTACATACCTTATAGAATCAGAGACTTCACTCCGGAGTGAAACCTTTTGAATGCAA
 TCAGTGTGGGAAAGCTTTCAGTAAGAATTCTTCCCTTACTCAGCATCGCAGAATTCACACCGGTGAGAAA
 CCTTATGAGTGTATGATCTGTGGAAAGCATTTCAGTGAAGATCATCCCTAACTGTACACCAAGTTATAC
 AACTGGAGAGAAGCCCTATGAGTGCAGTGAATGTGGAAAGGCATTACGCCAAAGCGCCTATCTCATTGA
 ACATCAAAGGATTCATACTGGTGAAAAACCTATGAATGTGATCAGTGTGGGAAAGCTTTCATAAAGAAC
 TCATCCCTTATAGTGACACAGAGGATACATACAGGAGAGAAACCTATCAGTGCATGAATGTGGAAAGT
 CCTTCAGTAGGAGTACAAACCTTACAAGACATCAGAGGACTCATAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001044700

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001044700.2, NP_001038165.1</u>
RefSeq Size:	3084 bp
RefSeq ORF:	1380 bp
Locus ID:	22678
UniProt ID:	<u>P08043</u>
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 (6) differs in the 5' UTR compared to variant 2. Variants 2, 3, 4, 6 and 7 encode the same protein.