

Product datasheet for **MC220080**

Zfp59 (NM_011762) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp59 (NM_011762) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp59
Synonyms:	Mfg-2; Mfg2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220080 representing NM_011762
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCAGCACTAATTCTCAAGACATGGTTTGTGGGTCACTGACATTTAGGGATGTGGCTGTTGACTTCT
 CTCAGGAGGAGTGGCCCTGCCTGGATGCTACTCAGAAGGTCTTATACAGGAACATAATGTTGGAGACCTA
 CAGCAACCTGGTCGAGTGGTGGGAAGTTGCATTTCCAAGCCAGATCTGATCGTCTTACTAGAGCAGGAG
 AAAGAGCCCTGGATGGCTGTGAATGAAGAAACAGGCAGGCCGAGCCAGATTTGGAGGCAGATTATGATG
 CTGAAAATATATCCCCCAAAAATCGTATTTATAATAGAAAATTTTCCAAACAGAGCATAAAGCAATTAAG
 TAGAACTTTTGACCCCAAGGGCTCCTGGTTTAGTAATGGCCCAACTATAGTACATTCATGGACTACGG
 GATTGTCAGAGTGATGCTGGCCAACAGATTACTAACAAGGAAGGAGTGCCTCCTCACACCTGCCAGACTC
 TTGCTCACAATACAGAAAACCATATGAATGTAAGAGTGTGGGAAGTGCCTTGGTTGCAGGTCACTCT
 TACTCAGCATCAGAGTGTTCACACTGGAGAGAAGCCCTATGAATGTAAGGAGTGTGGGAAGCCCTCAGA
 CTCGCCAACAGCTCACAAAGGCATCAGAAGTGTACAGTGGTGAAGCCCTTCAGTCATAATGAAGGCA
 GACAGGCTTTTCAACATCCCAACCTACTCAAGTACCCTAAAGCCATTCATACAGGTGCCAAAGCATTGTC
 ATGCAGGGAATGTGGGAAGTCTTCAACCGTGTCTCCAGCCTTGTGAACATGGGCTTATTCATGCTGAT
 GTGAAACCATATGAATGTAATGAGTGTGGGAAAGCCTTTAAACGACACAGAAGTTTTGTGCGCCATCAGA
 AAATCCATTCTGGTGAGAGACCCCTTTCAGTGAAGGATTGTGGGAAGGGCTTCATTGTTCTGGCTCACCT
 CACTCGGCACCAGAGCAGTCATAGTGAAGAGAAGCCATTTGAATGTGAGGAATGTGGCAAGAAATTTAGA
 ACTGCCAGACACCTTGTAAAGCACCAGCGCATTATAGCGGCGAGAAACCCCTTGAATGCAATGTATGTG
 GGAGTGCCTTTCCGGCTTCAACTATACCTTCTGAGCATCAGAAAACCTCACATGGAAGAGAATACTTGA
 ATGCAATGTGTGGGAAGGCTTTTCGGCTTCAGGTATACCTTCTGAGCATCTGAAAACCTCACACTGAA
 GAGAATCCTTTCAAGTGAAGCTCTGTGGTCAAGCCTTCCCAAATAAGTACCAACTTAATAAGCATCTCA
 CAGTTCACACTGATGGGAAACCTATCAGTGAAGGAATGTGGCAATGCTTTCGTCAAAGGTCAAACCT
 AACGGAACATGAGAGTATTCACACTGGCAAGAAACCCCTCCAGTGTGAAGAATGTGGGAAGTTCTTTAGA
 CTTAACACACTTCTCATTATCATCAGAAGTCTCACAGTGGTGAAGAGACCTTTTGAATGTAAGAATGCG
 GAAAGGCTTTCCTTCTCCAGTCAACTTAATAGCCATAAAATTTGTTACACAAGTAAAAGACCCCTTTGA
 ATGCAAGGTATGTGGGAAGTCTTCAAGCGTGAATCCAATCTCATTCAACATGGCGCTGTTATGCTGGT
 GTGAAATCATATGAATGCAGTGAAGTGTGGGAAAGTATTTTACCAGCTCAAGCCTGTTCCACCATCGGA
 AAATTCATTCTGATGAGAAACCATTTAAGTGTGAGGAGTGTGGAAAGCCCTTCGTTGTTCTGGCGTATCT
 CATTACAGCATCAGAGCATCCACACTGGAGAGAAACCATTTGAATGTGAGCTGTGTGGTCAAGCCTCAGA
 TGTAGATCCCAACTCAATAAACATCTGAGAATTCATACTGATGTGAAACTCTTTCAGTGTGTGGAAGATT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_011762
- Insert Size:** 1962 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).
- 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_011762.3](#), [NP_035892.2](#)

RefSeq Size: 3815 bp

RefSeq ORF: 1962 bp

Locus ID: 22717

Cytogenetics: 7 A3

Gene Summary: The Krueppel-associated box (KRAB) is a domain of around 75 amino acids found in the N-terminal portion of about one third of eukaryotic Krueppel-type C2H2 zinc finger proteins (ZFPs). The KRAB domain functions as a transcriptional repressor when tethered to the template DNA by a DNA-binding domain. Although the function of KRAB-ZFPs is largely unknown, they appear to play important roles during cell differentiation and development. This gene encodes a protein belonging to the Krueppel family of C2H2-type zinc finger proteins and has been shown to accumulate in the nuclei of mature sperm in association with the nuclear matrix. [provided by RefSeq, Jul 2008]