

## Product datasheet for **MC217013**

### Zfp689 (NM\_175163) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp689 (NM_175163) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp689
Synonyms:	4933416E05Rik; Znf689
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC217013 representing NM\_175163  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCCACCTTCGGCTCCGCTTCTCCTCGGGCAGTCGGAGAGGCTGGACCTACTCGGAAAAGGGGCA  
 GGAGGCCAAGGGCCTTGAAGTTCGTGGACGTGGCCGTGTACTTCTCCTCGGAGGAGTGGGGTGTCTGCA  
 GCCCGCTCAGAGGACTCTGTACCGGGATGTGATGCGCGAGACCTACGGCCTCCTGGGCGCGCTCGGATGC  
 GCAGGTCCCAAACCAGCTCTCATCTCCTGGTTGGAACGAAATACCGATGACTGGGAACCAGCAGCCCTAG  
 ATCCGCAGGAGTACCGGAGATGGGTAACATTCAGAGAAAAACCAGATCCAAGCAGAAGACTGAAGAGAA  
 GGACGTATCCCACCTAAGGAAGCACCCCGAAAGGGGAAACGAGGGCGGAAGCCAGCAAACCCCGGCTG  
 ATCCCAGGCAGACATCCGGGGGCCCATCTGCCCTGACTGTGGCTGTACCTTTCCTGACCACCTCGCCC  
 TGGAGAGCCACAAGTGCGCCAGAATCTGAAGAAACCCTATCCCTGCCCGGATTGTGGGCGTCGCTTTTC  
 CTACCCATCCCTGTTGGTCAGTACCGGGCGGGCACACTCCGGTGAGTGCCCTTACGTTTGTGACCAGTGT  
 GGCAAACGTTTTTCCAGAGGAAAAACCTGTCTCAGCACCAGGTATACACACAGGCGAGAAGCCCTACC  
 ACTGCCCTGACTGTGGCCGCTGCTTTCGAGGAGCCGGTCTGGCCAATCACCGGACCACGCACACCGG  
 TGAGAAGCCTCATCAGTGCCCTAGTTGTGGGCGTCGCTTTCGCTATCCATCTCTGCTCGCTATCCACAA  
 CGGACACACACAGGGGAGAAGCCCTATACCTGCCTAGAGTGCAGCCGTCGCTTCCGCCAGCGCACCGCCC  
 TGGTCATCCACCAGCGCATCCATACTGGAGAGAAGCCTTACCCATGTCTGACTGTGAGCGGCGTTTCTC  
 CTCCTCCTCTCGCTGGTTAGCCACCGCGTGTGCACTCTGGGGAGCGGCCCTATGCCTGTGAGAACTGC  
 GAAGCCCGCTTTTCTCAGCGCAGCACCCCTGCTCCAGCACCAGCTTTGCACACAGGCGAGAAACCCCTACC  
 CCTGCCAGACTGTGGACGTGCCTTCCGGAGGAGCGGCTCCTTGGCCATCCATCGCAGCACGCACACGGA  
 GGAGAAGCTGCACGCTGCGATGACTGCGGCCGCGCTTTGCCTATCCCTCACTGCTGGCCAGTCAATCGG  
 CGCGTGCACTCAGGCGAGCGGCCCTATGCCTGTGACCTTTGCTCCAAACGCTTTGCCAGTGAGGCCACT  
 TGTCTCAGCACCAGCTTCTGCACACTGGGGAAAAGCCTTTCCCCTGCCTTGTGAGTGTGGCCGGTGCTCCG  
 CCAGAGGTGGTCCCTGGCTGTCCACAAGTGTGCCCAACACCCCAATGGTAGCCCTAGACCTCTTATA  
 GGAGGGCCAGCCAGAGGAGCAGTGTCTTTAG

**ACGGGT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_175163
- 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).
- 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\\_175163.3](#), [NP\\_780372.2](#)

**RefSeq Size:** 3637 bp

**RefSeq ORF:** 1503 bp

**Locus ID:** 71131

**UniProt ID:** [Q8BKK5](#)

**Cytogenetics:** 7 F3

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]