

Product datasheet for **MC219110**

Zfp704 (NM_133218) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp704 (NM_133218) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp704
Synonyms:	C030026M03; C030034L19Rik; Gig1; Znf704
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219110 representing NM_133218
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACAGGCCAGGCGCTGGCCAAGCGCCAGCCTGGGCAGCCGCGGGGGCGCTGCGCCGCTCCCG
 CCCCCAGGCCGCGCTCTGGGGCTCCCGCCCCCGGCCAGCCGCGCCGACCGGGAAGCTGGAG
 GCCGCGCTGCCCGCCGCGGGACCGCCCTCGCGCGCTGCCGCGCCTCGTCGCGGTCTCTGCTG
 CTGCTGGGCGAGGAGGACGAGGACGAGGAGGCGCGGGCCGAAGGCGCAGGACGCGCGGGCGGTAAACGG
 AGAAGCCCCGAGGGTCTGCGGAGGAGGAGGACGACGAGGAAGAGGACGAAGAGGTGTTGTCGAGGT
 GGTGGACGGCAGGAGGACGAGGACGCTGAGGAGCGCTTCTGCCCCCTCGGACCCGGCGCTGCGCTT
 CCCAAGGCCCCCGAGGCGCGGTGAAGGTGGGGAGTTTTAAGCGGGAGATGACCTTCACGTTTCAAT
 CAGAGGACTTCAGACGTACTCCAGTAAGAAGCCGTCTCATCACCTGTTCCACTGGCCATGGAGGAAGA
 CGTGAGAACAGCAGACACCAAAAAACAGTCGGGTCTTGACCAAGAAAAAGAACTCGGTCTGTTTGT
 TTCTTTGAGCAGAAGCGAAAGTAGTTTTCTTCAATATCGATGTCCCTCTGCAAGAAAACTTCAGAGG
 AACTGGACATGGACAAGGTGACTGCAGCATGGTATTGACCAGCTTGCAACCAGCCCTTTGGTCCGAAG
 CCCTCCTGTGCGCCTAATGAGGGTCTCAGCGGTCTGGAAGGAAGGTGCACCATCCAGCAGCAGCAGC
 AGTGGCTACTGGAGCTGGAGCGCTCCGAGTGACCAGTCCAACCCATCCACACCCTCTCCACCCTGTGAG
 CTGACAGCTTCAAGCCCTTCCGAGCCCCGCCACCTGACGATGGCATTGACGAGGCAGACGCCAGCAA
 CCTGCTCTTCGATGAGCCATTCCGAGGAAGAGAAAGAACTCCATGAAGGTGATGTTCAAATGCCTTTGG
 AAAAGCTGTGGCAAGGTGCTGAACACAGTCCCGGCATCCAGAAGCACATCCGGGCTGTCCACCTCGGGC
 GAGTTGGGGAGTCTGACTGCAGTGATGGGAAGAAGACTTCTACTACAGGAGATCAAGTCAACACGGA
 TGCCACGGCTGAAGCCCTCAACACTGTGGCCCCGGTTTTACCCTCCAGTCTCTGGCTTCAGCCCCGCG
 TTTCCATCCCAGACTCCAGCCGAACAGAACTCCTTGCCAAAAACAGACACTAAGCTGGTGCAGCCAC
 TGAGCCGCTCAGCCCCACCACCCTCTACTCTGTCACACTGACCATGCTTACCAGGCCACACCCCGGT
 GACGATTCCTGGATCCGCTAAGTTCACCCCAATGGCAGCAGCTTCAAGATTTCTGGCAGTCTCCCCCA
 GTCACCTTCACTGGCGTTCGGTGTCTCTCCACATCATCCACAGCAGGCTCAGGAGAGCAGAGACAGC
 ACGCCACACAGCCCTGTCTCCCGCCAGAGGGACAGTACCCTAAGGAAGCCAGAGGAGAAGGCAA
 AAAGTCCGCAAGGTTTATGGGATGAAAAACAGGGACATGTGGTGCACCCTGCCGCTGGAAGAAGGCC
 TGCCAGCGTTCATTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_133218
- Insert Size:** 1701 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_133218.2](#), [NP_573481.1](#)

RefSeq Size: 13849 bp

RefSeq ORF: 1701 bp

Locus ID: 170753

UniProt ID: [Q9ERQ3](#)

Cytogenetics: 3 A1

Gene Summary: Transcription factor which binds to RE2 sequence elements in the MYOD1 enhancer.
[UniProtKB/Swiss-Prot Function]