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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGGCCAGGCGCCTGGCCAAGCGCCCCAGCCTGGGCAGCCGCCGCGGGGGCGCTGCGCCCGCTCCCG
CCCCCGAGGCCGCCGCTCTGGGGCTCCCGCCCCCCGGCCCCAGCCCGGCCGCCGCACCGGGAAGCTGGAG
GCCGCCGCTGCCGCCGCCGCGCGGGACCGGCCCCTCGCGCGCTGCCGCCGCCTCGTCGCCGGTCCTGCTG
CTGCTGGGCGAGGAGGACGAGGACGAGGAGGGCGCGGGCCGAAGGCGCAGGACGCGCGGGCGGGTAACGG
AGAAGCCCCGAGGGGTCGCGGAGGAGGAGGACGACGACGAGGAAGAGGACGAAGAGGTGGTTGTCGAGGT
GGTGGACGGCGACGAGGACGACGAGGACGCTGAGGAGCGCTTCGTGCCCCTCGGACCCGGCCGTGCGCTT
CCCAAGGGCCCCGCCCGAGGCGCGGTGAAGGTGGGGAGTTTTAAGCGGGAGATGACCTTCACGTTTCAAT
CAGAGGACTTCAGACGTGACTCCAGTAAGAAGCCGTCTCATCACCTGTTCCCACTGGCCATGGAGGAAGA
CGTGAGAACAGCAGACACCAAAAAAACCAGTCGGGTCCTTGACCAAGAAAAAGAAACTCGGTCTGTTTGT
CTTCTTGAGCAGAAGCGGAAAGTAGTTTCTTCCAATATCGATGTCCCTCCTGCAAGAAAATCTTCAGAGG
AACTGGACATGGACAAGGTGACTGCAGCCATGGTATTGACCAGCTTGTCAACCAGCCCTTTGGTCCGAAG
CCCTCCTGTGCGGCCTAATGAGGGTCTCAGCGGGTCCTGGAAGGAAGGTGCACCATCCAGCAGCAGCAGC
AGTGGCTACTGGAGCTGGAGCGCTCCGAGTGACCAGTCCAACCCATCCACACCCTCTCCACCACTGTCAG
CTGACAGCTTCAAGCCCTTCCGCAGCCCCGCCCCACCTGACGATGGCATTGACGAGGCAGACGCCAGCAA
CCTGCTCTTCGATGAGCCCATTCCGAGGAAGAGAAAGAACTCCATGAAGGTGATGTTCAAATGCCTTTGG
AAAAGCTGTGGCAAGGTGCTGAACACAGCTGCCGGCATCCAGAAGCACATCCGGGCTGTCCACCTCGGGC
GAGTTGGGGAGTCTGACTGCAGTGATGGGGAAGAAGACTTCTACTACACGGAGATCAAGCTCAACACGGA
TGCCACGGCTGAAGGCCTCAACACTGTGGCCCCGGTTTCACCCTCCCAGTCTCTGGCTTCAGCCCCTGCG
TTTCCCATCCCAGACTCCAGCCGAACAGAAACTCCTTGTGCCAAAACAGACACTAAGCTGGTGACGCCAC
TGAGCCGCTCAGCCCCCACCACCCTCTACCTCGTGCACACTGACCATGCTTACCAGGCCACACCCCCGGT
GACGATTCCTGGATCCGCTAAGTTCACCCCCAATGGCAGCAGCTTCAGCATTTCCTGGCAGTCTCCCCCA
GTCACTTTCACTGGCGTTCCGGTGTCTCCTCCACATCATCCCACAGCAGGCTCAGGAGAGCAGAGACAGC
ACGCCCACACAGCCCTGTCCTCCCCGCCCAGAGGGACAGTCACCCTAAGGAAGCCCAGAGGAGAAGGCAA
AAAGTGCCGCAAGGTTTATGGGATGGAAAACAGGGACATGTGGTGCACCGCCTGCCGCTGGAAGAAGGCC
TGCCAGCGGTTCATTGACTGA

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).

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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]

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