

Product datasheet for **MC215995**

Zfp296 (NM_022409) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp296 (NM_022409) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp296
Synonyms:	2210018A16Rik; Znf296
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC215995 representing NM_022409
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATG**TCCC**CGCCGAAGGCCGGCCGCTGCCTCGCCGCTAGAT**CCC**GATACCGACACCGACATTGAGATGC
 CCGATCTTGT**CAT**GGATGTAAAGCCGGACCTCGACTT**GAG**GTCCCTGGCGCAGGGGCCCTGGATCGCGAG
 GGACATGCC**CAT**ATCGGATGTGAAGCGTCAACTC**CAA**ACTGCCTCGCGCCCACTCGGCGCC**CAG**CACG
 TGTGCC**CCG**GGATGCCTCTGAGTTCTAAGTCTTCCGACCGCCAGCCATGGACCGACAAGCACCCAGATC
 TGTTGAC**TC**GGCCGCTTGC**GG**GAAGATCTTTCCATTAGGGGCCATCATCGCTTTCATGGATCACAAAA
 ACAAGGCTGT**CAG**CTTCTCAAGTCTCGACCC**CAT**CTCAGAATCCAAGAGCTGAAGGCTCTGAGCTGC
 CTCCAGTGGCAGACAGTACACTAGTCC**TT**GGAAGTTGCTGTGCCACGCC**AGT**GGGACCATGGGCTAT
 GCATCTACCAGACACAACACCTAGATACCC**CAG**GGCTCCGCTGTGGGCTGGTGAGGTGGCAGCAGC
 CATGT**CAG**CAGTGGCAGTGGTGGCGCCAGTTGAAAGCAAGCC**CT**CCAGT**GAG**CAGTGTGCCCGCGG
 AGCC**CA**CCTGTGATGTGTGCAAGAAGAC**CT**CAGCTCTTTCAGCAACCTCAAGGTCCACATGC**GT**TCCC
 A**CA**CTGGTGAGCGAC**CT**ACTCCTGTGAC**CA**GTGTTCTATGCCTGCGCTCAGAGCAGCAAGCTCAACAG
 ACACAAGAAGACCCATCGGCAGCTGGCACC**CG**GGAGCCCTCCACTTCTGCCAGTAGCAGGGGAGTCTCC
 CCAGCAGCC**CT**CCTGAACCAGCTGCCTACGCAGCTGCTCCAGCCAGCACACTCC**CA**AGCCAGACTGTGG
 AGAAGGCTGGAGCTGCAGCCACAGCAGGAGTCCAGGAAC**CT**GGGGCCCTGGCAGCGGAGCTCAAGGGGG
 TCCAGGTTTTGTTGGCTGGGGAGCC**CT**GCCAAAGTAGAGAGGACTGACCCTGTAAGATCGAGAAGACA
 GCACCTAGGAAGAGT**CAT**GGG**CT**GGGGCAAGTGTGAGTCTGCGGGAAGT**CCT**CCACCAACAGCAGCA
 ACCTGACCGTGCACCGAGT**TC**CACACTGGT**GAG**CGGCC**CT**ATACCTGTGAC**CA**GTGTCC**CT**ATGCTTG
 TGCC**CAG**AGTAGCAAGCTCAACCGCACCGT**CG**CACCCATGGTCTGGGGACTGGTAA**AA**ACTGTCAAGTGC
 CCGCACTGCCTTGTGCC**CT**TGGCTTGCAGGCCACTGGACAAGCACCTGCGGCAGAAAGCACCCAGAGA
 TGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_022409

Insert Size: 1338 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_022409.2](#), [NP_071854.2](#)
RefSeq Size: 1530 bp
RefSeq ORF: 1338 bp
Locus ID: 63872
UniProt ID: [E9Q6W4](#)
Cytogenetics: 7 A3
Gene Summary: May be a transcriptional corepressor with KLF4.[UniProtKB/Swiss-Prot Function]