

Product datasheet for **MC223339**

Zfp628 (NM_170759) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfp628 (NM_170759) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zfp628
Synonyms: Zec; Znf628
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223339 representing NM_170759
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGGCTCCCACGTGGACATGGCGCCAGCTTCCACCACCGAGGGAAGTGGGAAAAGCCAGGGCCCA
 CTGCGCCAGCACCCACCCAGCTGCTCAGTATGAGTGTGGGAATGCGGCAAGTCCTTCAGTGGTCATC
 TCGGCTCTGCACCATCAGCGCACTCACACAGGTGAACGGCCCTATAAATGCCCGACTGCCCAAAGCC
 TTCAAGGGTTCTCAGCCCTCCTTACCACCAGCGGGCCATACAGGCGAGCGGCCCTATCAGTGCCAG
 ACTGCCCAAAGCCTTCAAGCGCTTCTCCTTGCTGCAGATCCACCAGTGTGCACACAGCCCTGCGGGC
 CTTACCTGCGGCCAGTGTGGTCTGGCCTTCAAGTGGTATCCCATTACCAATACCACTTGAGACAGCAT
 ACCGGTGAGCGGCCCTACCCGTGCCCTGACTGCCCAAGGCCCTCAAGAAGTCTCCAGCTTGCGGGCC
 ACCGGCATGTGCACACAGGAGAACGCCCTTACCTGTGGCATTGTGGGAAGAGCTTACTCAGAGCAC
 CAATCTGCGGCAGCACCAGCGGTGCACACGGGCGAGCGCCCTCCGTTGCCACTCTGCCCAAAGACC
 TTCACACTCCTCAACTGCTGCTGCACCACCGCACCAGGCCCTGCCCGGCCCGCCCTGCCC
 CCGCCCCAGGGGAGACCAGCAGAGCTGACACCAAGTTCTGGTCTCTGATGCCTACTGCAGCCCCG
 TAGCCCGCTGAGCCTCCAGCCCCACCACCCAGCCCCACCCGTTGGTGCCCGAGCTTTTTTGGCTGCT
 GCTGAGACTACAGTGGAGCTAGTGTACCCTGCGATGGCTGCGAGCAGGGCTTACGACGAGGAGCTCC
 TCCTGGAGCACCAGCCATGCCCGGGGCCCTGTAGCCACCCAGTCCCAGGATGTGCTGCCGAGCTGCC
 CCAGGCTGACTCCGCCCTACCACAGCCCCACCTGCCACTCCAGGCCCTCCTAATTTGCTTGTCTTCT
 TGTGGGAAGTCTTCCGGACGGTGGCTGGCCTGTCCCGTACCAGCACAGCCATGGTGCGCCAGTGGAC
 AGGCCTTCGCTGTGGCAGCTGTGATGGTGCCTCCCACAAGTGGCCAGCCTCTTGGCTCACCAGCAGTG
 TACGTTGAGGAGGCGGACCGGACGCCACCTCCCCAGGCTGAGGTTGCGGAGGTACCTGTCCCAG
 GAACCTGTAGCCCAGCCACTCCTGCCACCCCTCCTCCTCCACTGCCCGGTGGTTTCTGCAGAGC
 GGCCTACAAATGTGCCGAGTGTGGGAAGCCCTCAAGGGTTCTCCGGGCTGCGTACCACCTTCGGGA
 CCACACAGGTGAGCGGCCCTACCAGTGTGGGAGTGCGGCAAAGCCTTCAACGCTCCTCCTGTGGCC
 ATCCACCAGCGTGTGCACACAGGCTGCGAGCCTCACCTGCGGCCAGTGTGGCCTCACCTCAAGTGGT



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CGTCCCCTATCAGTACCATCTGCGACTTCACTCGGGTGAGCGGCCCTATGCCTGCACTGAGTGTGGCAA
AGCCTTCCGTAACACTTCGTGCCTGCGGCGCCACCGGCATGTGCACACCGGTGAGCGGCCCACTCATGT
AGTGTGTGTGGCAAGAGCTTCGCACAGACGTCCAATTGCGGCAGCACCAGCGGGTGACACGGGCGAGC
GCCCTTCCGTTGCCCGCTCTGCCCAAGACCTTCACACACTCCTCAACCTGCTGCTGCACCAGCGCAC
TCATTCTGCCGAGCGCCCTTTGCTGCCCATTTGTGGCCGTGGCTTTGTTATGGCTGCCTACCTGCAG
CGGCATCTGAGGACGCACACCCAGCCACCACAACCTCGGGCACCACCGGCTCTGCTGTAGCATCGCAGC
CCCCTGCCCATTTGGCTGCAGCTCCAACCTCCACTGGCTGCTCAAGATGTTACGTAACCTCAACCTACA
GGCCACACTTTCACTTGAAGTAGCTGGGGAAACAGCCAGCCTACGCCCCAGGCCCGGCTGCTCCCACT
TCTCAAACATTTCTCCTGGTACAGACTGCCAGGGCCTCCAGCTGATTCCAAGCAGTGTCCAATCCCTTA
CTCCTCCACCCCGCCTCCACCCCTAAAGTATTCTGCTGCCTCCTGCCAGTGTGGAGGTCCGGGCGAG
TGGTGCTGCAAGGCCAGGCCCTCGGTCTGTTGGGAAAGCTGGACAGGGGACAGGGGTGGTGTGGTTTCCA
GGCCAGGTGGTCTGGGGCTGCAAGGAGGGGCAATGCAGGGGCTAGCGGGGAGGGCAGAGCCTCATTG
TTCTGCAGAAATGAGGGAGTGGGAGACAGGACCAGGAAGTGAAGTGGGGTCCAGCTTCAGCCAGCACA
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AAGCTCCAACCTGCTGCTGGTTAGAGTGGGGCAACTGAAGAGTTGCTGACCGGCCCTGGGCCCGGGGA
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GGGCTGCAGAGTGTGCTGGTGTGAGTGGGGCGGATGGTGAAGACTAGGCTCTGCGTGCAGGAGGTGG
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TAGCGCCCGACTACTGATCTGTAGAAAATAGCAGCGTTGCAGGAGGCCACACAACACTGCAACTCCTG
GCCCGTGCAGCCTGGCCCGGTCTCTGCCCTGTGGGGTGGCCGTAGCTCCCGTCCAGATGGTAC
AAGTGGTCCCGCAGTGGCTGGACCAGGGGTATGGCTCCCCAGAACTTGCCTCCATCCAGATTGTGCA
GACTCTTCTGCAGTCCAACCTGGTACACACGTTTGA

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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_170759

Insert Size:

3117 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_170759.2](#), [NP_739565.2](#)

RefSeq Size:

3544 bp

RefSeq ORF:

3117 bp

Locus ID: 232816

UniProt ID: [Q8CJ78](#)

Cytogenetics: 7 A1

Gene Summary: Transcription activator. Binds DNA on GT-box consensus sequence 5'-TTGGTT-3'.
[UniProtKB/Swiss-Prot Function]