

Product datasheet for **MC222972**

Zfp445 (NM_173364) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfp445 (NM_173364) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zfp445
Synonyms: AW610627; mszf29; mszf50; ZNF168; Znf445
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC222972 representing NM_173364
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCCTCCAGGCAGGTGGCATGCTGCCCGCTCAGCTCAGGTGTCAAGGGAACAAGCTGCCTTCGAATGG
TAAAAGAAGAGGAGGAGGATGGCTATATTTCAATGCAGACTGCCAGGCCACAGACTTAACCGCCCTGG
CCAGGAGCTATCCGTCAGCTCTTTAGACAGCTTCGCTATCATGAATCTTCTGGGCCCTAGAACTCTG
AGCCGGCTCCAGGAGCTCTGCCGCTGGTGGATGAGGCCTGATGTTCTTTCAAAGCACAGATGTTAGAGT
TGTTGGTCTTGGAGCAATTCCTGAGCATCTTGCCTGGAGAGCTCCGGACATGGGTCCAACCTCCATTGCC
TGAGAGTGGTGCAGAGGTTGTGGCCCTGCTGGAAGAGCTGCAGAGGGATCTTGATGGAACCCCACTGAAG
GATCCATGTCTTACTCAGAATCCAGATGTGCATTGGATAGGCACTAGTGCCTGCAGCCGCACAGATAT
GGTCCCTGCATCACATCTCAAGAACAGTTCTGCTCTAGAGGACCACTGGAGACTTCACATGGAATAGG
AATTTGTGACGTCTGGCTGAACAACTGATTCTCCTGCTGTCTCGGTGCCTGACTATTTCCAGTTAGAA
GAGGGCATAAGAACAGGAGCTTTGACTTTCCAGGATGTGGAGGTGACCTTCTCTCAGGAAGAGTGGG
GATGTTTGAACCTCAGCTCAGCGCAATCTTTATCGGGATGTTATCCTGGAGAATTATGGGAATGTAGTTTC
TGTGGTGGGCTCCTCTCCAAACCTGCTCTGATCTCCTGGCTAGAAGCCAGGAAGCCATGGGGCGTGAAC
ATCTGCACGGTTCAGCTTAAGAGAGATGCTGATGCTGCGCCTGAAGGAGGTAAAGTTCAGATTAAGCCAA
ACAAATTCATCTTGAAACAGAACTTCTGAATACATAGAAGCCTGTGTAAGACATCAGTAAGTCTGA
GACAAGTGTCTGAGGAGACAGGGCTCAAAGAATCTTTTAAACAGAAGAGTAGGCTACAGACGTCTGT
GGAGACTCCATACAAATGAAAGAGATGAAGGAAGGAGCCGACATTAGTCAAAGGACAGGAAGAGAATCTG
AAGTATTGAGAAACAATGATATTCTTGAGTTAAAACATGTTAAATGTGTGAGTGTCTAGAAAAAGGCT
ATCCTTTAAACATGGCTATGACAGAACTTCAGAAAAAGTTCACACCATTATAATAATAATATGGGGAA
GGACTCAGAGGCACAGGTGAGGGGTTTGGTGTGTATCAGAATACTGGACTGAAAGAAAATGAAAGGACA
GATATGGAGAGACCTCAAGGAAGAGCTGGCATGCCATCCTGAACATCGGCAGCCAAGCTACAGTGAAGA
GGGCTGTTTCAATGCAGGGTGTGTGGGAAAGCGTTCAAGTGGCCTTCAAACCGTATACGGCATGAGAAA
ATTCACACTGGAGTGAACCTTACCAATGCAGCTTATGTGAGAAAAGCTTCCAACGTTTGTTCATCTACC



[View online »](#)

```

GTCTGCACCAAAAAACCCATAGTAAACAGAAACGTGGATCCAGTAAGTACAAAAATGCCCTCACCTGCAG
CTTGGATGTCAGTCACCATTTGACAGACCGGGATGAGAGGAAACACTTACACTGTAACCAGTGTGGGAAA
AACTTCTCCTGTAAGTCTATGCTATTGAACACCAAAGGATTCACACACAGGAGAAAACCTTATAAATGTA
CCAGATGTAGGAAAACCTTTCCGGTGAAGTCAAACCTTTCTCGTCATATGAAATTACATCACAAAGAGGT
GTATAACAAGAGAAAACGTCAAGAAGACTTCAAGCAGAGTTACAGGCAGTCTCAGGTTATCTCTACTGTA
GAGAAAACCTTTCCATGTCAGAATTGTGGGAAAACCTTTACTCAAAGAAATCACTCATTGAGCACCAGA
GGATTCATACAGGGGAGAAACCGTACCAGTGTAGTGGGTGTGGAGAAACATTTACCTATAGGTCATCTTA
TATTATTCATATGAAGCGAACGCAACATGCTATTAATAAAGCCTGAGCATGGCTGCCTAACTTTTAGT
CAGGGTGCAGTGTTCATTCTCGGGGTAGTCATAATACTGAGGGGTCTAATAAGTGTAAATACTGTG
GCAAAGCCTTTCACAATCGCTCATTCTCTCATTGAGAGAGTTACACTAGAGAGAAGCCCTATCA
GTGCAGGGAGTGTAAAAAGCCTTCCGATGGAGTTCCAATCTCTACCGACATCAGAGAAAACACTTTTTG
CACAAGCGGTATAAGTATCGTGAAGTAAAGAGACTTCAAATCTACAGTCAAAAATCTCATTGATCAGA
AGCCCTTTTGGTGTCAAGAATGTGGAAAACCTTTACACGTAAAAGAAGCCTTTTAGATCATAAGGGAA
ACACAGTGGAGAGAGACGCTTAAAGTCAACTTGTGTAAAAATCTTTGATAGAAACTATCGACTTGT
AATCACCAGAGGATCCACTACAGAGCAACCACAGTGGCGTGATAAAGATTTTGTGGGATACATGCC
GTTCTGTTGACCAGAGAAAACACAGCAACAGCTGCAGTCTGAATATGGCCTACATTAGATAAGCCTGG
CTTATCTTACTGTGAGGATGTAAGGTTAAATATTCAGGAATAAGTGGAAAGCTCCGTAAGAGTGTGAT
AACCTTCTGTGAGAGTTCAGTCAATTGCATTCCAGAATGTGCCACCAAGAAGAAAGCCTGCCACA
AATGCAGCACTTGCAGGAAAACATTTAAAAAGCATTACATCTTATTAGCCACAAGAGATGTCACACAAA
AGAGAGGCCCTTCAAATGCATAGTGTGTGGGAAGACCTTCAGGTGGTCTTCCAATTTGACTCGGCATATG
AAAAACCATGTTAGAAATAG
  
```

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_173364
Insert Size:	2961 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:	<ol style="list-style-type: none"> 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:	<u>NM_173364.5</u> , <u>NP_775540.4</u>
RefSeq Size:	6189 bp
RefSeq ORF:	2961 bp
Locus ID:	235682

UniProt ID: [Q8R2V3](#)

Cytogenetics: 9 F4

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