

Product datasheet for **MC217529**

Zfp446 (NM_175558) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp446 (NM_175558) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp446
Synonyms:	A630035I11Rik; A930031C22; AA120513; AV306632
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217529 representing NM_175558
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCGTAAGGAGGCTAACCCACAGTCGGCTCCGTCTACGTGAGTCCTACGGCTGCGGTTGCAAGAGAAG
 AACGGCTGCCAAGTCAGGAGTGGGAACCCCCCGGAACCTCTGCAGCAACGCGACCCCAAGGAGAGGAGC
 GAAGAGTCTCGCGCTGAGAGGCCCTTGAAGCGTGCTGTCGTTCTTGCTGAGGCTCACGGGAGACGTAGT
 CCGAGCGAAGGGGGCCGATCCGGCGGAGCAGATGCAGGATTGGCCGGGCTGGTCCCTCTGTACCTCCAA
 AAAGACCTTCAAACAAGAATGCCATCTCCTCGGGGTACCCACACCTATCCCTCAGAGACTCCAGGAC
 CACCTTGAGGAGCCTGAGGCTGCAGACTCCGTTTCCGGGGTTTCTGCTATGAGGAGGTTGAGGGACCC
 CGAGAGGCACTGGCCAGCTTCGAGAGTTGTGTACCAAGTGGCTACAGCCTGAGTCATCTCCAAAGAAC
 ACATAATAGAGTTGCTGATTTTGAACAGTTCTGGGTGTGTTGCCCCCTGAGATCCAGGCTGGGTTCTG
 AGGGCAGCGACCAAGCAAGCCCCGAGGAGCCGAGTTCTTGTGAGGGGCTGCAGCATGATCCTGGGCAG
 CTGCTGGGCTGGATCACAGCCACATCCTGAAGCCAAAGATGCTTCTCTAGTCCAGAAGGAGTCCTCAG
 GGAGTCACCACATCTCAGCAGCAACGGAGTCTCCAAGGCAGGCCTTGGCGAGGACCCGCTGAAGGCCGG
 GATAGATCGATCTACCCAGATCAGTTGCAGTGTGAAGGAGGAAGTCAGTCTGATGGGCAGGAGATGGTA
 TCTCCAAGTGCCCTCCTTTCAACCCAGGATTCGAGGGACATCTGAACATCAGGAAACGGTCTCCATAT
 CCTTCAAACAGGAAGGATCCAGGAGTGGGGCCTGTTGGACTCATCAGGAGGAGCTGTGCTGGGGTGT
 GATGCCGGAAGTACGACACAGTGGTGTCCAGGCAAGCCTGCCGCTGCTACAGCCAGAGACATGTT
 GACTCTGAGCTGAGACCAAAACAGGAGATGCCACAGCAAGGACCAGAATCCCTCCGAGCCATCCCCAG
 AAGTGGGAGCCATTGCAGATCCAAGGCTAGTTCAAGCCACTCCAAGTGAAGGCAGAGCCCTTGCAAGGA
 CCCTTCAGTCTTGTCTCCACACCACTGCTTGAAGCCCCAGCGAGGCCACACCTCGGAAGCTGTACGTT
 TGTGAGCAGTGTGGCCTCAGCTTTGACTGGAAGTCCGTTTTTCATCATCCACCTCCGCACACACAGAGAG
 GGCCAGGCCTGGAGAGACCATCACAGGTGGCCCGGAGCCGCCATGAAGCGCTCCCTGGCCTTCGGGG
 ATACACATGCGTGGAGTGTGGGCGCAGCTTCAAGTGGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGT
 GCAGGCCAGCGGCGCACTTCTGCCGCACTGTGGCTGTAGCTTTGACTGGAAGTTTCAAGTGTGAGTGT
 ACAGGAAGATCCACCAGCCAGAGGTCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175558

Insert Size: 1572 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_175558.4, NP_780767.1

RefSeq Size: 4617 bp

RefSeq ORF: 1572 bp

Locus ID: 269870

Cytogenetics: 7 A1