

## Product datasheet for **MC220058**

### Zfp418 (NM\_146179) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp418 (NM_146179) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp418
Synonyms:	A230102I05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220058 representing NM\_146179  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGCGCTGAAGCACCTGGCTCAGGTTCCAGATCTACAGAAAAGGTATGGTCTGTATACAGGGCT  
 GTGTAACCTTTGAGGACGTGGCAGTTTACTTCTCCAGGAAGAGTGGGAGCTCCTGGATGAATCTCAGAG  
 GCTCCTGTATCTTGATGTGATGCTGGAGAATTTTACCCTTATAACCTCACTGGCTCATTGGTCTGAAGCA  
 GAGGCTGAAGACAAAACCTGTGCACCACAGATCAGGACTGCAAAGGAAGGTCTACCCACGAAGAAGCCCC  
 ATCCCTCTGACATCTGTAGCACCCTCTTAAAGATATCTTGATCTAAGTGACCTACCCGGGCAGAAACC  
 ACATTTGACTGAGGTGTACAGACCTCTGGACCAGAAGCATCACAGAGCCAAGAATTGGTTAAAGAAA  
 GATGTGGACTCCCTTGTGAAGAACTGTATTTCCATGTAGCAGGGAACCCCTTCTGTCTGTAGTAAGATTG  
 GCGAGAAATCCAGCTGTATGGAATCTTCCAACCCAAGGCCATTCCCAAAGGTGAGAAAACAAAATCA  
 AATTAAGTGTAGAAAGGCTTTTCACTCAGAGAAAATAACTCTAAGTCAGATAAAATAACAAATCTTCC  
 AGCCCCAACACAGGCTTCATGAATATCCAAGACTTTGCAGTGGAAAGGAGGGGTTTGTAGCTAACAGTT  
 GTGAGCAAGACTTAAACAAGTACTCGATTGCACCATCCCAGACAGATCAGACTGAAAACCGACCATATGG  
 GTGTCATGACTGTGAAAATGGTTTGGCCAGAAAGCCACACTTAGAATACACCAGAGACGCCATACCCGGA  
 GAAAAACCGTATAGATGTGGTGAATGTGAAAAGTCTTTTTGTCAAAGCTTAACCTAAGCGAACACTGTA  
 GAGTTCATAGTGGAGAAAGACCTTTTGTAGTGTCTGGAATGTGGGAAAGCCTTCGGGTGCCATTCTAGTCT  
 TCTGCGACATCAGAGAACACACAGGAGAATGGCCATATGAATGTGGTACTGCGGGAGGCTGTTTAGG  
 CAGATTGTCAGCCTGATTACACACCAGAGGACTCACACTACAGAGAAGCCTTACGAATGTGGCAGTGTG  
 AAAAGTCTTTTAGTCACAAAGCCACGCTTACTGTACATCAGAGAGTTCACACTGGAGAGAAGCCCTATCA  
 CTGTGAAGCATGTGGGAAATCCTTCAGCCAAAGCGCCAACCTTATTAACACTCCAAAATTCACACTGGA  
 GAAAAGCCTTATAAGTGTGGGAAATGTGGTCTATGCTTTCGCGCAGAGAGCTACCCTCATGAAACACCAGA  
 GAACCCACACCTCAGAAAGGCCTTATGAATGTAGAGAATGTGTAAGTCTTTAAACAGTACTTCTACCT  
 CATTGAACACAGTAGGATTCACACCACAACAGAATTTTATGAGTGTGGACAGTGCAGGAAATCTTATACC  
 CAAAACGCCACCCTCATCAGACACCAGCGAGTCCATACAGGAGAGAGTCCCTATAAGTGTAAAGGAGTGTG  
 GAAAAGCCTTTGAATACAAATCCAGACTTAATCGACATCAAAGAACTCACACTGGTGAAGGCCTTATGA  
 GTGTGCCAAGTGTGGGAAATCTTCAGGAAAGCTACAATCTTGTGTAACACCAGAAAATTCACACGAAA  
 GCAAAGCCTTACAATTGTGATCAGTGTGGGAAGTGTGTTAGCCGGAGAGCTGACTTGGTTAAACACCAGA  
 GAGTTCACACTGGTGAAGGCCTTATACATGTGGTGAATGTGGGAAAGACCTTCAGCCGAACCTACCACT  
 TGTTCAACACAGAAGAATTCACACTGGGAAAGCCATACGAGTGTGACCAGTGTGGGAAGTCTTTTAGC  
 CAGGTGTCTACCCTCACTAGGCATCAGCTACTTCACACTGGAGAAAAATCTTATAAATGTAGCAAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_146179
- Insert Size:** 1959 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\\_146179.2](#), [NP\\_666291.2](#)

**RefSeq Size:** 2700 bp

**RefSeq ORF:** 1959 bp

**Locus ID:** 232854

**Cytogenetics:** 7 A1