

Product datasheet for **MC219682**

Zfp442 (NM_001177550) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp442 (NM_001177550) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp442
Synonyms:	OTTMUSG00000015730; ZIPO-II
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219682 representing NM_001177550
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGTTGTGACCTATGATGATGTGCATGTGAACCTCACTCAGGAAGAGTGGCTTTGCTGGATTCTT
 CTCAGAAGAATCTCTACAGAGATGTGATGCTGGAGACCTACAGGAATCTTGCTGCATAGGCTACAGTTG
 GGAAGACCATAATCCTGAAGAACATTTTCAAAGTTCTAGAAGACATGGAAGGCATGAAAAAGTCATATT
 GAAGAGAAACCCTCTGAATTTACTCAATGTGGTAAAGTCTTTGCGTATCAGAGCCATCCTCAGGGGCATC
 AACAAATTCATACTGGAGAGAAACCCTATGAAGTTATTCAATATCTTGAGGCATTTGCATATCACAGTAG
 TCTCCAAATACATAAAAAGAACACATGGTGGAGACAAACACTATAAGATTAATGAATGTGGTAAAGCCTTT
 GCATGTACAATCTCTTCAAAGGTATAAAAAGAGTTCATACAGGTGAGAACTTTATGAATGTAATCAAT
 GTGGTACTGACTTTGCACAACACAGTCATCTTCAACAGCATGAAAGAATGCATACTGTTAAATGTAAGCA
 AAGTGGAAAAGACTTTGCATGTTATACTAATCTCCAAATATATCAAAGAACGCATACTGGAGAGAAACCT
 TATGAATGTATATTCTGTGATAAAAACCTTTATACATCACAGTCATCTTGAAAGGCATGAAAGAATTCATA
 CTGGAGAGAAACCCTATGAATGTAACCAATGTGGTAAAGCCTTTTCAAAAACAGCAGTCTCCAATTACA
 TAAAAGAACACATACTGGAGAGAAACCCTATGAATGTAAGCAATGTGGTAAATCCTTTGCATGTCAGAGT
 GGTCTCCAACAGCATAAAAAACACATCATGGAGAGAAATCTTATGAATGTAACAGATGTGGTAAAGCCT
 TTGCATGTCAAAGTATCTGCAACAGCATAAAAAGAACACATACTGGAGAGAAATCCTATGAATGTAACCA
 GTGTGATAAAGCCTTTGCTCTTCGCTGTCATCTTGAAGGCATCAAAGAATTCATACTGTAGAGAAACCC
 TATAAATGTAATCAATGTGGTAAATCTTTGCACAAAGCAACCTTTTGTACGACATAAAAAGAACACATA
 CTGGAGAGAAACCCTTTGGATGTGACCAGTGTGATAAGGCATTTGCACAAAACAGTCATCTCCTAACACA
 TAAAAGAACACATACTGGAGAGAAACCCTATGAATGTGAGCAATGTGGCAAGCCTTTGCAAGTAATAGT
 AATCTCCAAGTGCATAAAAAACGCACACTGGAGAGAAACCCTATGAATGTAAGCAGTGTGGTAAAGCCT
 TTGGGTTTCAAAGTGGTCTGCAAAAAGCATAAACGAACACATACTGGAGAGAAACCCTATGAATGTAATCA
 GTGTGATAAAGCATTGTCATGTCAAGCTAGTCTCCTGAATCATAAACGATCACACACTGGTGAAGGCCA
 TATGAATGTAGTGAATGTGGTAAAGCGTTTGTACTTCACAGTTATCTTCAAATACATAAAAAGGATACATA
 CTGGAGAGAAACCCTTTGAATGTGACCAATGTGATAAAGCCTTTGCTCGAAAACACTCTTCTCCTAAAACA
 TAAAAGAATACATACTGGGCAGAAACCCTATGGATGCAAGCAATGTGGCAAGCCTTTGCAATCACAGT
 AATCTCCAAGTGCATAAAAAGAACACATACTGGAGAGAAGCCTACGAATGTAAGCACTGTGGTAAACCTT
 TCAAGTGTCAAAGTGGTCTGCAGTATCATAAAAAGAACACAACACATACAGGAGAGAAACCCTATGACTGT
 AATCAATGTGATC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001177550
- Insert Size:** 1836 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_001177550.1](#), [NP_001171021.1](#)

RefSeq Size: 2770 bp

RefSeq ORF: 1836 bp

Locus ID: 668923

Cytogenetics: 2