

Product datasheet for **RN217400**

Zfpm1 (NM_001242627) Rat Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Zfpm1 (NM_001242627) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Zfpm1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN217400 representing NM_001242627
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCAGGAGAAACAGAGCAATCCCCGGCAGATCAAGCGTTCCTCAGAGACATGGAGGCCGGAGAAG
 AAGCCAAGGGCATGGACATCAGCCCATGGAACAGGAAGCCACAGCCCCAGAGGCCCCAGCCATAGAGGA
 GCCCCCAAGTCCACCCAGAGAAGATGTGAGCCTACCTACAGTGTGCGCACCCCCTGAGTCTCCAGACGAT
 CCTGAGGATGTGGAGGGACAAGAGTTGGAGATGAGGCCCCAGGATGAGAAGAAAGAGGAAAAGGAAGAAG
 AGTCAGCCATGGCTAGTCCCTGGAGTGGCCAGAGGAGCTGGAAGTGGCACTGCAGGACGGGCAGAGGTG
 TGTGCGGGCCGACTGAGCCTCACTGAGGGTCTGTCTGGGGCCATTCTACGGGAGCATTAGACCAGA
 GCTTTATCCCCTGAGAGAGAAGAACCGGCCCGGCACTGACCCTGATGGTGGATGAGAGCTGCTGGCTAA
 GGATGCTGCCCCAGGCCCTAACTGAAGAAGAAGCTAACTCCGAGATCTACAGGAAGGATGATGCCCTCTG
 GTGACGGGTTACCAAAGCAGTGCCTTCTGGTGGACTACTACACGTGCTCCTTGTGGCCGAGCCCCACGGT
 ACTCCCAAACACCTGTGACAGGACCCAGAGGAAGCTGGAAGCTCAGGTCCAGTGCACACCCGACATCCAGC
 TGCTGCCCCAGCAGGCTGGTATGGCGTCCATCCTTGCTACTGCAGTCATCAACAAGGACGCTTCCCCCTG
 CAAAGACTGCGGGATCTGGTACCGCAGTGAAGGAACTGCAAGCCCACCTGCTCTACTACTGTGCCAGC
 CGCCAGCGGGCCAGCTCCCTGTCTCAGCGACTGAAGAGAAGCCCAAGGAAACCTACCCCAACGAGCGCA
 TCTGCCCTTCCCCAGTGGCCGAAGAGCTGCCCCAGCGCCAGCTCGCTGGAGATCCACATGCGCAGTCA
 CAGCGGAGAGCGCCCTTCGTGTGCCTCATCTGCCTGTGACGCTTACCACCAAGGCCAACTGTGAACGC
 CATCTCAAGGTGCACACGGACACTCAGCGGTGTCTGTCAACTGTGGCTTCAATCCACCACAAGCTACTC
 ACATCCTCTACAGCCACCTGGTGACCAACCACATGGTGTGCCAGCCAGGCTCCAAGGGTGAGATCTACTC
 ACCAGGGCTGGACACCCAGCAGCCAAACTTCTTTCAGACAGCCTGACAGGCTTCCAACAGCATTGCTG
 AGGCACAGTCCCCTGGTTCCCGTGACAAGGCACCCACCCATCCTCAGGACTGGACAGTAAAGCCTTGG
 CCGAAGTCAACAACGGAGAGACCAGAGTCCCCCCCCAAAATGGGGCAGCAGCGAGTCCCCTGCAGCCCC
 CAGGACCATCAAAGTGAAGCTGCAGAGGAACCTGAAGCCGCCGTGCCTCAGGTCCGGGAGAGCCAGGT
 CCCCAGGCTCCGTCTCGGACGCTTACCACATAGCCCCAATCCAGTCAAGGTGAAGGCAGAAGTGTCCA
 GCCCCACGCTGGCTCTAGCCCTGGGCCGGGAGAACTAACAATGGCCGGGACGCTTCTCTGCCACAATA
 TGTGTTCCGTCCGACCGGGCACAACCACTGTCCCTGCAGCACCACAGGCTTCCGAGATCCTGGCCAAG
 ATGCTGAGTTGGTACACAACCGCTACAGCAGGGCGCAGGGAGCTCCGGAGTGGCGGGAACGCCACAG
 GCCTCTTCCCGGGGACTAAGGGCGCCACGTGCTTTGAATGCGAGATCACCTTTAAACAATATCAACAACCT
 CTATGTGCACAAGCGTCTCTACTGCTCGGGCCGCGCGCCCGAGGACCCGCCCGCTGTGCGCAGACCC
 AAAGCAGCCACAGGCTCGGCCGCGCGCTGCAGGTGTGCTGCAGAGCCAGACCCGCCACGCTCATCGC
 CCGGGCCCGGGCCAGAGAGGAAGAGGCGAGTGGCGGACCCTCCTGAGGCCGAGACTGCGGGCCGGGG
 CAGCGAGGGCAGCCAGAGCCCGGCAGCTCGGTAGACGATGCAGAGGACGATCCCAGCCGACGCTGTGC
 GAGGCTGCAACATCCGGTTTAGCCGCCACGAACTACTGTGCACAAGCGCTACTACTGCGCCTCAC
 GCCACGACCTCCGCGCGCCGGCCACCCGTACCACGCCGCTCCGGGACCCGGCTCCCGCGCTGAC
 AGTCCGCCCCGTGCGCACGCGCCGGCGTGCAAACTGTACGAGTGCCTGACGCGGCTGCCCGGCCCCCA
 GCAGCAGGGCCGCCCCGGTGGCGGTGTATCCTCCCCTACGGCGGAGTGCCTCTTCTCCAGACCCG
 CGAGCGGAGCGCTGGCCAGCCCCACGCCCTCTCCGGCCAGTCCCCGACGGCCCCATTGACCTGAG
 CAAGCGGCCGCGTGCAGACCCCGGATACACCTACTGCTCTGCCCGCGTGGCCGACTACCACGAGTGT
 ACCGCGTGTGCGTAAGCTTCCACAGCCTCGAAGCTTACCTGGCTCATAAGAAGTACTCGTGCCCCGCCG
 CACCTTTGCGCACACCGCCCTGCCCCCTACTGCCGCCCAACGGGCGGTTGCGGGGACCTGGTCGA
 GCATTTGCGCCAGGCACACGGCCTGCAGGTGGCCAAGCCCGGGCAGCCAGGCGCTGAGCCCCGACA
 GCTGCGGAGCGTCTCCGCGGACAGCCAGAGCGCCGCGCACCCGCTCTCCTTCCCCTGCTCCCGAGA
 ACAGCCTTCTGACCAGCGGATCAAGGCGCTCGGACATCCTGCAAGGGCCCGCTGCGCCCCGCTCTGC
 ACCGGGTGGTGGCGGCCACCGCTACTGCCGCTGTGCAACATCAGGTTACAGAGTCTGTCCACCTTC
 ATCGCACACAAGAAGTATTACTGCTTCTCAGCTGCCGAGCACGTAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001242627 |
| Insert Size: | 2994 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). |
| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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_001242627.1</u> , <u>NP_001229556.1</u> |
| RefSeq Size: | 3088 bp |
| RefSeq ORF: | 2994 bp |
| Locus ID: | 691504 |
| Cytogenetics: | 19q12 |