

## Product datasheet for **RN209806**

### Zfpm2 (NM\_001130501) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zfpm2 (NM\_001130501) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Zfpm2  
**Synonyms:** FOG-2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN209806 representing NM\_001130501  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCCGCGAAAGCAGAGTAAACCCCGCAGATCAAACGGCCGCTGGAAGATGCCATCGAAGATGAGG  
AAGAAGAGTGTCCGTAGAGGAGGCTGACGTCATCGCGAAAGGAGACTTCCATTGGAGGAAAGCTTCCC  
CACAGGCTTCGAGTCAGAAAATCTGAGCTGTGAAGAAGTGGAGTCTTTTGTAAACAAAGGTGATGACGAA  
GGAATCCAGGAGCCAGCAGAATCAGATGGGACAGCCATTCAGACAAACCGGGGCGCCTGGAGTAGAGA  
CAGATGACTGGGATGGACCAGGAGAGCTAGAAGTATTTACAGAGATGGGAAAGGAAGATTCAGAGTCG  
GCAGCAGCTTCCGGTGGGAACAACCTGGGGCCCTTTCGCTGGGAAGATGGACTTGAACAATAATTCCTTG  
AAGACGAAGGCTCAGGTCTCCATGGTGTGACTGCTGGTCCCAAGTGGCTTCTGGATGTGACTTGGCAAG  
GAGTGGAGGACAGCAAAAACAACCTGCATTGTGTACAGCAAGGGGGTCACTTTGGTGCACCACGACGAA  
GGCCATCTCGGAGGGTGAAGAACTAATTGCCTTTGTGGTGGACTTTGACTCAAGGCTACAAACTGCTAGC  
CAGATGACTCTCACAGAAGGGATGTACCGGCCCGCTGCTGGACTCAATTCAGCTGCTTCTCAGCAAG  
CTGCCATGGCTTCTATTTTGCCTACAGCTATTGTCAATAAGGATATATTCCTTGAAGCTCTGGCCT  
TTGGTACCGGAGCGAGCGAACCCTGCAAGCCATTTGATGTAAGTACTGTAGTGGGAGGCAAGAGAAGCT  
GCTCCAGTGTCTGAAGAAAATGAAGACAGTACGCATCAGATTTCCAGCCTGTGCCCTTCCCACAATGCA  
CCAAGAGCTTTTCCAATGCCGAGCTCTAGAAATGCACCTGACTTCACACAGTGGAGTGAAGTGAAGAA  
GTTCTGCCTCCCGGGCGAGTTTGAATGCACGGTGTGTAGCTACACTGCTGATTCGCTGATCAACTTC  
CACCAACACCTGTTCTCGCATCTCACTCAAGCTGCCTTCCGTTGCAACCACTGCCATTTTGGCTTCCAGA  
CCCAAAGGGAGTTACTGCAGCACCAGGAGCTCCATGTCCCGGTGGCAAACCTCCAGAGAAAGCGACAT  
GGAGCACTCTCCAAGTGAACAGAAGACAGCTTACAGCCAGCCACAGACTTGTGGCCAGAAGTGCCTC  
TCCAGAGCCAAAAGGCCATGCCGACTAAAGATGCAAGCTCAGACACAGAGCTGGACAAGTGTGAGAAAA  
AGACTCAACTCTTCTCACC AATCAGAGACCAGAGATGCAGCCTGCGGCAACAAGCAGA AACTTCTCTTA  
CACAAAAATAAAGTCTGAGCCTTCCAGCCCCAGACTTGCCTCATCTCCAGTGAACCCAACTAGGGCCC  
TCTTCCCTGTGGGACCTTCTGTCTCAGTTTGCCTTCCCCAAGATATCACCATGGTCCCTCAAGCTT



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CAGAGATCTTAGCCAAGATGTCCGAGCTGGTGCACCGACGCTGAGGCACGGGAGTAGTAGCTACCTCC  
 TGTAATTTACAGCCCTTTGATGCCCAAAGGGGCTACATGCTTTGAGTGTAAACATAACGTTCAATAATCTG  
 GATAACTATCTAGTTCATAAAAACTACTGCAGCAGCCGATGGCAGCAGATGGCCAAATCCCCTGAGT  
 TTCCAAGTGTCTGAAAAGATACCGGAAGCTCTGAGTCTAACACTGGCCAGACTTCCATAAACCTTCT  
 CAACCCGGCGGCTCATCCACCGGACCCGGAGAATCCACTTCTTCAAACATCCTGCATCAACTTCCACG  
 GTTTTAGATTTGATTGGGCCAAACGAAAGGGCCATGAGAAGGACTTTTCCACTCAAGCCAAAAAGTTGC  
 CCACCTCCAACAACAATGACGACAAAATAAATGGAAAGCCGTTGATGTGAAAAATCCCAGCGGCCCTT  
 AGTGGATGGGAAAGTGACCCAAATAAGACTACCTGTGAAGCTTGTAAACATCACCTTCAGCAGGCATGAA  
 ACCTATATGTTCCACAAACAGTATTACTGTGCAACCGCCATGACCTCCGCTAAAGAGGCTGCTTCCA  
 ACAAAGTGCCGGCCATGCAGAGAACCATGCGCACACGCAAGCAAGAAAGATGTACGAAATGTGCCTACC  
 CGAGCAAGAGCAACGGCCACCCCTAGTTCAGCAGAGATTTCTTGATGTAGCCAACCTCAGCAATCCTTGT  
 AGCTCCACTCAAGAGCCACTGAAGGGCTAGGAGAATGTACCACCCGAGATGCGACATCTTCCAGGAA  
 TTGTCTCAAAGCACTTGAAACATCGTTGGCCATAAACAATGTGTTCCGTTCCCAAATGTGATAACA  
 TCATTCCAGTGTTCCTGCCTGGAGATGGACGTCCCATAGATCTCAGCAAAAAGTGTATCGCAGTCT  
 GAGCGGACGACAGCATCTCTAAAAGGCTACTAGACTACCACGAGTGCACCGTGTCAAGATCAGCTTCA  
 ATAAGGTCGAGAACTACCTGGCCACAAGCAGAAATTTCTGCCCTGCACTGCACATCAACGCAACGACCT  
 AGGTCAGCTTGATGGCAAAGTGTTCGCAATCCAGAAAGTGAACGGAACAGCCCGAAAGTCACTTTGAA  
 AGAAACATGATCAAAATGTGAGAAGAAATGGGAATCCGAAGCAGCCTTCTCCCAACGGAAACTGTTTTAT  
 CCCATTTGGCAACCTTGAAGGCCTGAAAGTCTTCAGTGAGGCGGCTCAGCTCATTGCTACAAAAGAAGA  
 AAACAACATTTGTTTCTTCCCAATGCCTTTACCCTGGAGCAATAAAGAAGACGAAAGGAGCCGACCAG  
 CTTTCTCCATACTATGGCATAAAGCCAAGCGATTATATCGCCGGTCTCTGTGATCCACAACACCGACG  
 TCGAACAGAACACAAACACAGAAAACGAGTCTCCTAAAGGCCAGGCCCTCCTCAAATGGGTGTGCGGTACC  
 CAAGAAAGATTCTCTGCCATTGTTGCCAAAAACAGAGGCATGGTCATAGTGAATGGTGGACTGAAGCAA  
 GATGAAAAGGCCTACCGCAACCCACAGCAAGAGAACATTTCCAGAAATGCCAGCACGAAGACGGCCACA  
 AATCCCTTCGTGGATCTCTGAGAACCCTTAGCTGCAAATGAGAATGTCTCCCAGGAATTCCCTGCGC  
 AGAAGAACAGTTGTCTAGCATAGCAAAAGGTGTGAATGGCTCTACCCAGGCCCCAGCAGTGGGAAATAC  
 TGCCGGCTATGCGATATCCAGTTCAATAACCTTTCAAACCTTATAACTCACAGAAGTTTTATTGCTCAT  
 CACATGCAGCAGAACATGTCAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001130501
- Insert Size:** 3456 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\\_001130501.1](#), [NP\\_001123973.1](#)

**RefSeq Size:** 4985 bp

**RefSeq ORF:** 3456 bp

**Locus ID:** 314930

**Cytogenetics:** 7q31