

## Product datasheet for **RN214899**

### Zfp398 (NM\_001109230) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp398 (NM_001109230) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp398
Synonyms:	RGD1562129
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214899 representing NM\_001109230  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGAGGCGACCGCCGCTCCGACTTCTGAATGGGACTCGGAATGCCTTACATCCCTGCAGCCCCTTC  
 CTCTTCCCTCCACCTCCAGCAGCAAATGAGGCACATCTGCAGACTGCAGCCATTTCCCTGTGGACAGTGGT  
 GGCTGCTGTGCAGGCCATAGAGAGGAAGGTGGAAGTCCACAGCCGGCGACTCCTCCACCTAGAAGGCAGG  
 ACAGGGACAGCAGAGAAGAACTAGCAGGCTGTGAAAAGACAGTGACAGAGCTTGGGAACCAGCTGGATG  
 GCAAGTGGGCCGTGCTGGGGACCTTGCTGCAGGAGTATGGGCTGCTGCAGCGCGGTTGGAGAATTGGA  
 GAATTGTTGAGAAACAGGAACCTTCTGGATCCTGCGGCTGCCCCAGGTATTAAGGAGATATCCCAAAG  
 GTGCCTGTGGCATTGATGATGTCTCCATCTACTTTTCCACTCCAGAGTGGGAAAAATTAGAAGAATGCC  
 AAAAGGAACCTTACAAGAATATCATGAAGGGCACTACGAGTCTCTCATCTCCATGGATTATGCCATGAA  
 TCAACCTGATGTTTTATCCAGATTCAACCAGAAGGAGAACACAGTACAGATGACCAACCAAGGCCAGAA  
 GCAAGTGAGATGCCTGCAGACCCAGTGAAGAGCCTGGCCTTTAACCTCAGACATTCTGTCTTGATTA  
 AACAAGAGGAAGAGCCTCAGGTTGGAGTCCCCAGGAGTCTAAAGAGAGTGAGCTGTACAAGGTACCTA  
 TGCCGATGAAGAACTTGTATCAAAGCTGAAGACCTTGCTAGAGCTTCTTGTGTCTGAAGTTCAGTA  
 GCCTTCTCTGCTCCACCACCAGCAGCAGCAAGGATACATTTTCAGATATAGCTTTCAAAGTCCAGCAGT  
 GTACCCCATGGCACCTTTTGGACGAACAGCCACTGACCTGCCTGAAGCCTCAGAAGGACAAGTGACTTT  
 TACTCAGTTAGGAAGCTACCCACTCCCACCTCCAGTTGGAGAGCAGGTGTTCTCATGCCACCATTGTGGC  
 AAGATCTCAGTCAAGACATGTTAATGACACATCAGTGTAGCCATGCTGCTGAACACCCCTAACCTGTG  
 CCCAGTGTCCAAACACTTCACCCCAAGCAGATCTTGGTAGCACCTCCAGGATCATGCCAATGAAAC  
 ACCACCCACTGCCCTCACTGCGCCGGACATTACCCACCCCTCAGACTCACTTACCACCTTCGGGTC  
 CACAACAGTACTGAGCGCCCTTCTCTGTCTGATTGTCCCAAGCGCTTGTGACCAGGCTCGACTCA  
 CCAGCCATCGGCGAGCTCATGCTACTGAGAGGCCCTTCCGTTGCCCAATGTGGTTCGTAGCTTCAGCCT  
 TAAATCAGCCTCCTGCTTCAATCAAAGGGACATGCACAGGAGCGCCCTTCTCTGTCTCAATGTGGC  
 ATTGACTTCAATGGCCACTCTGCATTGATTGCTCACCAGATGATCCACACAGGCGAGCGTCCCTACCCAT  
 GCACAGATTGTAGCAAGAGCTTCATGCGTAAGGAACACTTGTTAAACCACCGAGGCTGCACACAGGTGA  
 GCGGCCTTTCCAGTGTCCACACTGTGGCAAGAGCTTCATCCGCAACACCACCTCATGAAGCACCAGCGC  
 ATCCACACAGGCGAGCGCCGTACCCCTGTGCAGTGTGTGAAGGAGCTCCGCTACAAGCAGACGCTCA  
 AGGATCATCTACGACCCGTACCAATGGAGGCTGTGCGGGTGATAGGGACCCCTCCGTACAGCCACCAGA  
 CCCACCTGGTCCACTCTAACTGCCCTGAAAACCTCTGGCCTAGGTGTTAGCACTGAAGGTCTAGAACT  
 AGTCAGTGGTACGGGGAAGGGAGTGGAGGGGTAGTTTTA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001109230
- Insert Size:** 1932 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\\_001109230.1](#), [NP\\_001102700.1](#)

**RefSeq Size:** 3456 bp

**RefSeq ORF:** 1932 bp

**Locus ID:** 500108

**Cytogenetics:** 4q24