

Product datasheet for **RN216947**

Zfp384 (NM_001034830) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp384 (NM_001034830) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp384
Synonyms:	Ciz; Nmp4; Znf384
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216947 representing NM_001034830
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAGTCTCACTTCAATTCTAACCCGTACTTCTGGCCTTCTATCCCCACGGTCTCAGGGCAGATTG
 AAAACACTATGTTTCATCAACAAGATGAAGGATCAGCTGTTGCCAGAGAAGGGCTGTGGACTGGCACCACC
 TCACTATCCCACCTTTGCTGACAGTGCCTGCCTCAGTGTCCCTGTCTTGGCATCAGCATGGACACAGAG
 TCCAAGTCAGAACAGCTGACCCACACAGTCAGGCATCTGTTACCCAGAACATCAGAGTGGTCCCTGTAC
 CATCTACAGGACTCATGACTGCGGGAGTCTCCTGTTCTCAGAGGTGGAGAAGAGAAGGGAGTCAATCAAG
 GGGTCTGGTTTGGTAATCACATCCCCTCAGGCTCTCTTGTGACCACAGCCTCATCAGCTCAGACTTTC
 CCTATCTCGACTCCCATGATTGTCTCAGCTTTCCTCCCTGGCTCACAAGCCCTACAGGTGGTCCCTGACC
 TCTCCAAGAAGGTAGCATCAACCCTAAGTGAAGGAGGCGGAGGTGGTGGTGGAGGTGGCACTGTGGC
 TCCTCCTAAACCTCCTCGGGGCCAAGAAGAAGCGGATGCTGGAATCAGGGCTTCTGAGATGAATGAC
 CCTTACGTCCTTGCCCTGGGGATGACGATGACCATCAGAAAGATGGCAAGACCTACAGGTGCCGGATGT
 GCTCACTGACCTTCTACTCAAAGTCGGAGATGCAGATCCACTCCAAGTCACACACCAGACCAAGCCCCA
 CAAGTGCCCACTGCTCCAAGACCTTCGCCAACAGCTCCTACCTGGCCAGCACATCCGTATCCATTCA
 GGGGCCAAGCCCTATAGTTGTAACCTTTGTGAGAAATCCTTCCGTGAGCTCTCACACCTGCAGCAGCACA
 CCCGGATCACTCCAAGATGCACACGGAGACCATCAAGCCCCACAAGTCCCGCACTGCTCCAAGACCTT
 CGCCAACACCTCCTACCTGGCCAGCACCTCCGTATCCACTCGGGGGCCAAGCCCTACAAGTGTTCCTAC
 TGCCAGAAGGCCCTCCGCCAGCTCTCCACCTCCAGCAGCACACGAATCCACACTGGCGATAGACCAT
 ACAAATGTGCACACCCGGGCTGCGAGAAGGCTTTCACACAACCTCCAACCTGCAGTCTCACAGACGGCA
 GCACAACAAAGATAAACCCCTTCAAGTGCCACAACCTGTCACCGAGCATAACAGACGACGAGCCTCACTAGAG
 GCTCATTTATCTACACACACAGTGAAGCAGCCAAAGTTTATACCTGCACAATCTGTAGTCGGGCATATA
 CATCAGAAACATATCTTATGAAACATATGCGCAAAACACAACCCTCCTGATCTCCAACAACAAGTGAAGC
 GGCGGCAGCGGCAGCGGAGTGGCCAGGCTCAGGCCAGGCTCAGGCTCAGGCCAGGCCAGGCTCAG
 GCCAGGCCAGGCCAGGCTCAGGCTCAGGCCAGGCCAAGCTTACAGGCATCACAGCAGCAGCAAC
 AGCAGCAGCCACCACCTCCACAACCACCACACTCCAGTCTCCTGGGCAGCTCCCCAGGGAGGGGTGG
 TGGGGACAGCAACCAGAACCCTCCACCCAGTGTTCCTTTGACCTGACCCCTATAAGCCGGCAGAGCAT
 CATAAAGACATCTGCCTCACTGTACCACCAGCACCATCCAGGTGGAACACCTGGCCAGCTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001034830
- Insert Size:** 1746 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:

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_001034830.1](#), [NP_001030002.1](#)

RefSeq Size: 3115 bp

RefSeq ORF: 1746 bp

Locus ID: 171018

UniProt ID: [Q9EQJ4](#)

Cytogenetics: 4q42

Gene Summary: activates transcription of matrix metalloproteinase genes; plays a role in nucleocytoplasmic transport [RGD, Feb 2006]