

Product datasheet for **RN200205**

Zfp384 (NM_001034831) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp384 (NM_001034831) 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: >RN200205 representing NM_001034831
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAGAGTCTCACTTCAATTCTAACCCGTACTTCTGGCCTTCTATCCCCACGGTCTCAGGGCAGATTG
 AAAACACTATGTTTCATCAACAAGATGAAGGATCAGCTGTTGCCAGAGAAGGGCTGTGGACTGGCACCACC
 TCACTATCCCACCTTTGCTGACAGTGCCTGCCTCAGTGTCCCTGTCTTGGCATCAGCATGGACACAGAG
 TCCAAGTCAGAACAGCTGACCCACACAGTCAGGCATCTGTTACCCAGAACATCAGAGTGGTCCCTGTAC
 CATCTACAGGACTCATGACTGCGGGAGTCTCCTGTTCTCAGAGGTGGAGAAGAGAAGGGAGTCAATCAAG
 GGGTCTGGTTTGGTAATCACATCCCCTCAGGCTCTCTTGTGACCACAGCCTCATCAGCTCAGACTTTC
 CCTATCTCGACTCCCATGATTGTCTCAGCTCTTCCCCCTGGCTCACAAGCCCTACAGGTGGTCCCTGACC
 TCTCCAAGAAGGTAGCATCAACCCTAAGTGAAGGAGGCGGAGGTGGTGGTGGAGGTGGCACTGTGGC
 TCCTCCTAAACCTCCTCGGGGCCAAGAAGAAGCGGATGCTGGAATCAGGGCTTCTGAGATGAATGAC
 CCTTACGTCCTTGCCCTGGGGATGACGATGACCATCAGAAAGATGGCAAGACCTACAGGTGCCGGATGT
 GCTCACTGACCTTCTACTCAAAGTCGGAGATGCAGATCCACTCCAAGTCACACACCAGACCAAGCCCCA
 CAAGTGCCCACTGCTCCAAGACCTTCGCCAACAGCTCCTACCTGGCCAGCACATCCGTATCCATTCA
 GGGGCCAAGCCCTATAGTTGTAACCTTTTGTGAGAAATCCTTCCGTGAGCTCTCACACCTGCAGCAGCACA
 CCCGAATCCCACTGGCGATAGACCATACAAATGTGCACACCCGGGCTGCGAGAAGGCTTTCACACAAC
 CTCCAACCTGCAGTCTCACAGACGGCAGCACAACAAGATAAACCTTCAAGTCCCAACTGTCACCGA
 GCATACACAGACGCAGCCTCACTAGAGGCTCATTTATCTACACACACAGTGAAGCAGCCCAAGTTTATA
 CCTGACAATCTGTAGTCGGGCATATACATCAGAAACATATCTTATGAAACATATGCGCAACACAACCC
 TCCTGATCTCCAACAACAAGTGCAAGCGGGCAGCGGCAGCGGAGTGGCCAGGCTCAGGCCAGGCT
 CAGGCTCAGGCCAGGCCAGGCTCAGGCCAGGCCAGGCCAGGCTCAGGCTCAGGCCAGGCCAAG
 CTTACAGGCATCACAGCAGCAGCAACAGCAGCAGCCACCACCTCCACAACCACCACACTCCAGTCTCC
 TGGGGCAGCTCCCAGGGAGGGGTGGTGGGGACAGCAACCAGAACCTCCACCCAGTGTCTTTGAC
 CTGACCCCTATAAGCCGGCAGAGCATATAAAGACATCTGCCTCACTGTACCACCAGCACCATCCAGG
 TGAACACCTGGCCAGCTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001034831

Insert Size: 1563 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_001034831.1](#), [NP_001030003.1](#)

RefSeq Size: 2931 bp

RefSeq ORF: 1563 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]