

Product datasheet for **RR216947**

Zfp384 (NM_001034830) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR216947 representing NM_001034830
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAGTCTCACTTCAATTCTAACCCGTACTTCTGGCCTTCTATCCCCACGGTCTCAGGGCAGATTG
 AAAACACTATGTTTCATCAACAAGATGAAGGATCAGCTGTTGCCAGAGAAGGGCTGTGGACTGGCACCACC
 TCACTATCCCACCTTTGCTGACAGTGCCTGCCTCAGTGTCCCTGTCTTGGCATCAGCATGGACACAGAG
 TCCAAGTCAGAACAGCTGACCCACACAGTCAGGCATCTGTTACCCAGAACATCAGAGTGGTCCCTGTAC
 CATCTACAGGACTCATGACTGCGGGAGTCTCCTGTTCTCAGAGGTGGAGAAGAGAAGGGAGTCAATCAAG
 GGGTCTGGTTTGGTAATCACATCCCCTCAGGCTCTCTTGTGACCACAGCCTCATCAGCTCAGACTTTC
 CCTATCTCGACTCCCATGATTGTCTCAGCTTTCCTCCCTGGCTCACAAGCCCTACAGGTGGTCCCTGACC
 TCTCCAAGAAGGTAGCATCAACCCTAAGTGAAGGAGGCGGAGGTGGTGGTGGAGGTGGCACTGTGGC
 TCCTCCTAAACCTCCTCGGGGCCAAGAAGAAGCGGATGCTGGAATCAGGGCTTCTGAGATGAATGAC
 CCTTACGTCCTTGCCCTGGGGATGACGATGACCATCAGAAAGATGGCAAGACCTACAGGTGCCGGATGT
 GCTCACTGACCTTCACTCAAAGTCGGAGATGCAGATCCACTCCAAGTCACACACCGAGACCAAGCCCCA
 CAAGTGCCCACTGCTCCAAGACCTTCGCCAACAGCTCCTACCTGGCCAGCACATCCGTATCCATTCA
 GGGGCCAAGCCCTATAGTTGTAACCTTTGTGAGAAATCCTTCCGTGAGCTCTCACACCTGCAGCAGCACA
 CCCGGATCACTCCAAGATGCACACGGAGACCATCAAGCCCCACAAGTCCCGCACTGCTCCAAGACCTT
 CGCCAACACCTCCTACCTGGCCAGCACCTCCGTATCCACTCGGGGGCCAAGCCCTACAAGTGTCTCTAC
 TGCCAGAAGGCCCTTCGCCAGCTCTCCACCTCCAGCAGCACACCGAATCCACACTGGCGATAGACCAT
 ACAAATGTGCACACCCGGGCTGCGAGAAGGCTTTCACACAACCTCCAACCTGCAGTCTCACAGACGGCA
 GCACAACAAAGATAAACCCCTCAAGTGCCACAACCTGTCACCGAGCATAACAGACGACGACCTCACTAGAG
 GCTCATTTATCTACACACAGTGAAGCAGCCAAAGTTTATACCTGCACAATCTGTAGTCGGGCATATA
 CATCAGAAACATATCTTATGAAACATATGCGCAAAACACAACCCTCCTGATCTCCAACAACAAGTGAAGC
 GGCGGCAGCGGCAGCGCAGTGGCCAGGCTCAGGCCAGGCTCAGGCTCAGGCCAGGCCAGGCTCAG
 GCCAGGCCAGGCCAGGCTCAGGCTCAGGCCAGGCCAAGCTTACAGGCATCACAGCAGCAGCAAC
 AGCAGCAGCCACCACCTCCACAACCACCACTCCAGTCTCCTGGGCAGCTCCCCAGGGAGGGGTGG
 TGGGGACAGCAACCAGAACCCTCCACCCAGTGTCTCTTACCTGACCCCTATAAGCCGGCAGAGCAT
 CATAAAGACATCTGCCTCACTGTACCACCAGCACCATCCAGGTGGAACACCTGGCCAGCTCT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216947 representing NM_001034830
 Red=Cloning site Green=Tags(s)

MEESHFNPNFYFWPSIPTVSGQIENTMFINKMKDQLLPEKGCGLAPPHYPTLLTVPASVLSLSSGISMDTE
 SKSEQLTPHSQASVTQNTVVPVSTGLMTAGVSCSQRWRREGSQRGPGLVITSPSGSLVTTASSAQTF
 PISTPMIVSALPPGSQALQVVPDL SKKVASTL TEEGGGGGGGGTVAPPKPPRGRKKRMLSEGLPEMND
 PYVLAPGDDDDHQKDGKTYRCMCSLTFYSKSEMQUIHKSHTETKPHKCPHCSKTFANSSYLAQHRIHS
 GAKPYSCNFCEKSFRLSHLQQHTRIHSKMHTETIKPHKCPHCSKTFANTSYLAQHLRIHSGAKPYNCSY
 CQKAFRQLSHLQQHTRIHTGDRPYKCAHPGCEKAFQLSNLQSHRRQHNDKPFKCHNCHRAYTDAASLE
 AHLSTHTVKHAKVYTTCTICSRAYTSETYLMKHMRRKHNPPDLQQQVQAAAAAQAQAQAQAQAQAQA
 AQA
 HKDICTVTSTIQVEHLASS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001034830

ORF Size: 1743 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

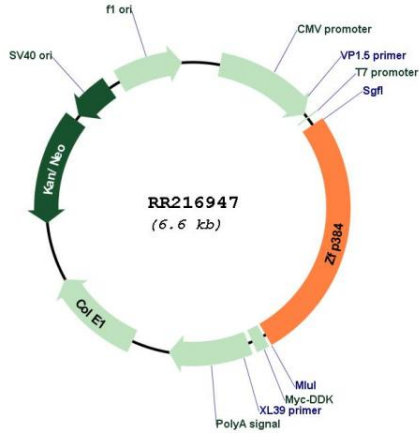
UniProt ID: [Q9EQJ4](#)

Cytogenetics: 4q42

MW: 63.3 kDa

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

Product images:



Circular map for RR216947