

Product datasheet for **RN208615**

Zfp414 (NM_001009664) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Zfp414 (NM_001009664) Rat Untagged Clone

Tag: Tag Free

Symbol: Zfp414

Synonyms: RGD1308123; Znf414

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN208615 representing NM_001009664
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGAGGAATTATCCGGACCCAGCTCGGACACGCTGGCCACTGTAGAATCCAGCTCCAATGAGCCTGACA
 AGGAGGTGGCATCTCCGGATGTGGCAGCTACAGCCACTCTTCTCCGTGGAGGAGCCCGGCCCTAACCC
 AACAGCCACGCCACCAAGTATGGGACCGTGGAGGACCTCTGCAGCAAGTTGCCTGTCCAGTCCCAGACAGC
 TGCCAGACTAGCTCGACCACAGAGGCGTGGGGACCAATGAGGACCTTCGGTTGCCTAGACGACGTCCAC
 CACCAGGGAAACAAATACCCTGCTCTAGCCCTGGCTGCTCCCTCAGTTTCCCCAGTGTTGAGATCTGGC
 ACAGCATCTCCGTACCCACTGTCCACCCACACAGTCACTGGAAGGCAAACCTCTTCCGATGCTCAGCCCTG
 AGCTGCACTGAGAGTTTCCCCAGCATGCAGGAGCTGGTAGCCACGGCAAGCTGCACTACAAGCCCAATC
 GATACTTCAAGTGTGAGAATTGCCTCCTGCGCTTCCGCACTCATCGCTCGCTCTTCAAGCATCTGCATGT
 TTGTATAGACCATGGTCAGAACCCAGCCCCGCCACCCCCCTGCCCTGGACAAAGAGCCACCTGTACCT
 GAGCGTCCCCAGAGTCCGACCTTCGTCCTCCCTGGGCTGCCATTCCCACTACTTGAGCCTTTCACCT
 CTGCCCCCACTGGGCCCTTCCTTCTTACTTGAACCTGCACCTTTGGCCTGAGTCCCCGAGACTGCG
 CCCATTCTGGCTGCCACTCCAGGGCCACCGACATCCAGCACTGCCATCTGGAAGAAGAGTCAAGGTGCT
 ACCAGTAGTCTAGAAGACCTCAGGGCGGCTCCGATGCGCCCTCAGGTGCGTGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001009664

Insert Size: 900 bp



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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:	<u>NM_001009664.1, NP_001009664.1</u>
RefSeq Size:	1143 bp
RefSeq ORF:	900 bp
Locus ID:	299647
UniProt ID:	<u>Q5PPH4</u>
Cytogenetics:	7q13
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]