

Product datasheet for **RN200172**

Zc3h14 (NM_001033951) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h14 (NM_001033951) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h14
Synonyms:	Npuk68
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200172 representing NM_001033951
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAATCGGCACCGAGATCAGCCGAAGATCCGGAGTGCCATTAAGGGGAAATTACAAGAATTAGGAG
 CTTACGTGGATGAAGAACTTCTGATTACATTATGGTGATGGTGGCCAACAAGAAAAGTCAGGACCAAAT
 GACAGAGGACCTGTCCCTGTTTCTAGGGAAACAACAATTCGATTCACCGTATGGCTCCATGGTGTATTA
 GATAAACTTCGTTCTGTTACAACAGAGCCCTCTAGTCTAAAGTCTCCTGATACCAGCATCTTTGATAGTA
 ACGTGCCTTCAAACAAGAGCAGTTTTAGTCGGGGAGATGAGAGAAGGCATGAAGCTGCCATTCTCCCTT
 TGCCGTTTCTAGCTCTAGACCTGAGAAAAGGGATTCCAGAGTTTCTACAAGTTCACAGGAGCACAAATCC
 ACTAACGTCAGACATTCATATGATGATGGAGCTCCACCAGGCTAATGTCAACAGTGAACCTTTGAGGG
 AGCCAGCACCCCTCTGAAGATGTGATTGATATCAAGCCAGAACCAGATGATCTCATTGATGAAGACCTCAA
 TTTTGTGCAGGAGAATTCCTTATCTCAGAAAAACCTACAGTGACACTTACATACGGTTCTCTCGCCCT
 TCTATAGAAATTTATCGACCACCTGCAAGTAGAAATGCAGACACTGGTACTCATTAAACAGGCCGCAAC
 TTCAGCAGCAGCAAAGCAGTACCATACTGCCAAGCAGCTGGATGGACAGAGCAGCCAGGTGTATGAAGC
 AGGACGGTTGTGTGAACCAGAAGTACTTGGCAGCGTAGAAGATACTTATAGCCCTTTCTTCAGAAACAAC
 TTGGATAAAATGAATATTGAGGAGGAAAACCTTCGGAAGAGAAAGTTGCCTGTGGTAAGTTCAGTTGTTA
 AAGTAAAAAGATTTAGCCATGATGGAGAAGAGGAGGAAGAAGATGAGGATTATGGGACCCGGGTAGGAAG
 CTTGTCCAGCAGTGTGTCAGTACCAGCAAAACCTGAGAGGAGACCTTCTCTTCCACCTTCTAAACAAGCT
 AACAAGAATCTAATTTGAAGGCTATCTCTGAAGCTCAAGAGTCTGTAACAAAAACAACCTAATATCCTG
 CAGTTCACAGAAAACAGACACTCCAGTTGCTCCTAGAACTCGAAGTCTCAAGAAGAAGTCTCGCAGA
 AATGGTCCAGGGGCAAAACAGGGCCCCAGAAATAGCCCCCAGTTAAAGAAGAGGAAGCAAAGGAGAT
 AATGCAGAAAAAATTGAAGGAACTCAACAGAGGCAATTGTTATCCCGACTGCAAATTTGATCCAGTAAACGG
 TAGACACAATGGAGCTGAGTCAAGATTACTATGACATGGAATCCATGGTCCATGCAGACACAAGATCATT
 TATTCTGAAGAAGCCAAAGCTGTCTGAGGAAATAGTAGTGACACCAAACCAGGATTCGGGGATGAAGACT
 GCAGATGCCCTTCGGGTCTTTCAGGACACCTTATGCAGACACGAGATCTTGTACAACCAGATAAACCTG
 CAAGTCCCAAGTTTATAGTGACGCTGGATGGTGTCCCCAGCCCCCAGGATACATGTCAGATCAAGAGGA
 GGAGATGTGCTTTGAAGGAATGAAACCCGTAACCAAACCTCAGCCTCAAACAAGGGACTCAGAGGCCTC
 CTCACCCACAGCAGTTGCAATTTGCTGAGCAGGACGCTTGAAGACCCAGATGGTAGCTTTTCCAACGCCG
 AGATGACTGACCTGAGTGTGGCAGAGAAACCAGAAAACTCCTGGAGCGCTGCAAGTACTGGCCTGCTTG
 TAAAAATGGGGATGAGTGTGTGTACCATCACCCATTTACCTTTGCAAAGCCTTTCCAACCTGTAATTT
 GCTGAGAAATGTTTGTGTTGTCATCCAATTTGTAATATGACGCAAAGTGTACTAAAGCAGATTGTCCCT
 TCACTCACATGAGTAGAAGAGGTCCAGTACTGACTCCAAAACCAGCAGTGTGTCACCAGCGCCATCTTC
 TAATGGCCAGTTCTGCCGTTACTTCCCTGCCTGTAAGAAAATGGAGTGTCCCTTCTACCACCCAAAACAC
 TGTAGGTTAATACCCAGTGTACAAGACCAGACTGTACGTTTTATCACCCCACTATTACTGTGCCACCAA
 GACATGCCTTGAATGGATTTCGACCTCAAACCAAGTGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033951

Insert Size: 2211 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:	<ol style="list-style-type: none">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_001033951.1</u> , <u>NP_001029123.1</u>
RefSeq Size:	3449 bp
RefSeq ORF:	2211 bp
Locus ID:	192359
UniProt ID:	<u>Q7TMD5</u>
Cytogenetics:	6q32
Gene Summary:	recognized by an antibody against a liver cell chromatin fraction [RGD, Feb 2006]