

Product datasheet for **RN214494**

Zcchc4 (NM_001108360) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zcchc4 (NM_001108360) Rat Untagged Clone
Tag: Tag Free
Symbol: Zcchc4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN214494 representing NM_001108360
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGAGCCTTTTATTGGATATTGACTTTTCGATATTCACAGTTTTACCTGGAAGAGAGCTTTTGCCGCT
ATAACATGTTCAACCATCATTTCTTTGATGAAAGGCTGCCCTTGAAGTGTGCAAGGCATTCTTACAGGA
AGAGGAAGGCAAGGGGTGATTATGGTGACAGACCCTCCCTTTGGCGGCTTGGTTGAGCCACTGGCTGTT
ACATTCAGAAGTTAATTGCTATGTGAAAGAAGGTCAAAGCCAAGATGACAGTCACAAAGAAGTCCCA
TTTTCTGGATTTCCCATATTTTTTTGAGTCACGGATTTGTCAGTTTTTTCCGAGCTTTCGATGCTGGA
TTACCAGGTAGATTATGATAATCATGCGCTTTACAAACATGAAAGACAGGTCGAAAACAGTCTCCTGTC
CGGATTTTACCAACATTCCACCAACAAAATAATCCTTCCATCAGAGGAAGGTTACAGGTTTTGCTCAG
TCTGTCAGAGATACGTCTCTCGCGAGAACCAGCACTGTGTGCATTGTAATTCCTGCACATCCAAGGATGG
CAGGAAATGGAGCCATTGCTTTTTCTGCAAAAAGTGTGTGAAGCCTTCTGGATCCATTGTAACACCTGC
AATCGCTGTGCACTCCCAGACATTCTGTTTGGGGCCGAAAGATGGCTGCTTTATTTGTGGTTCGTTGG
ATCATAAACGCAGCAATTGTCCCAGCATTGGCGCCTCGCAGAGAGCTAACACGCTGTCAGAAAGCAGAA
GCAAAGAAAAAGTAATAAGATAAGAAGGGAGGCCACTAAAGGACAATCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108360
Insert Size: 822 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:	<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_001108360.1</u> , <u>NP_001101830.1</u>
RefSeq Size:	2471 bp
RefSeq ORF:	822 bp
Locus ID:	360946
Cytogenetics:	14q11
Gene Summary:	rRNA N6-methyltransferase that specifically methylates the adenine in position 4220 of 28S rRNA. N6-methylation of adenine(4220) in 28S rRNA is required for translation. [UniProtKB/Swiss-Prot Function]