

Product datasheet for **MC217334**

Zcchc4 (NM_030185) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zcchc4 (NM_030185) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zcchc4
Synonyms:	4930449I23Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217334 representing NM_030185
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCGCCCATGGACTGTCTTGAGTCCCTGGAGGGTATGGCGACGCGGGCGTAGGGCGTCCGGGG
 TAGAGGTGGCGCTTCCCTCGAACCCACGGCTCCTGCCCGCTGTGCCCGCACGGGCTACTCTTCTCTT
 TGTA AAAAGTGAACCAAGGGAAGGAAGAAACACGAAAGTTTTATGCCTGCTCAGCCTGTAGAGATAGAAAA
 GACTGTA ACTTTTTTTCAGTGGGAAGATGAAAAGTTGTGAGAAGCTAGACTTGCTGCCGAGAAAATTCATA
 ATCAAAAAATGCCAGCCTCCTCTATCCCGGGCACAATGCATAGAAAAGTACCTGAGTTTCATTAGTTGCC
 CTTGGCTCAAAGAAAAGTTCTGTCAAAGTTGCCAGCAGTTGCTGTTACCTGCAGACTGGAGGGAGCACGGC
 ACGCATCAGCTGCAGCTGACATTTCTGTGCGCCAGCTTGAAGGCCAGTCAGCTGCTCTACCCACTGG
 AGAACAAGAAGACGCACGCCAGTACCTGTTTGTGACAGGAGCTGCCAGTTTCTGGCAGGCCTCCTTGC
 TACCCTCGGATTCAGCAGAGTGTGTGTGTTGGAGCACCAAGGCTCCACGAGCAGATCAGGCTAACAGCA
 TCAGGTGAGAGGTCCGGCATGAGGAGCCTTTTATTGGACATTGACTTTCGATATTCACAGTTTTACCTGG
 AAGGAAGCTTTTGCCGCTATAACATGTTCAACCATCATTTCTTTGATGGAAGGCTGCCCTTGAAGTGTG
 CAAGGAATTTTACAGGAAGAGGAAGGCAAGGGGGTATTATGGTACAGACCCTCCCTTTGGCGGCTTG
 GTGGAACCTCTGGCTATTACATTCAGAAGTTAATTGCTATGTGGAAGAAGGTCAAAGCCAAGATGACA
 GCCACAAGAAGTGCCTATTTCTGGATTTTCCCTATTTTTTGAATCACGGATTTGTCAGTTTTTCCC
 GAGCTTCTGCATGCTGGATTACCAAGTGGATTATGATAATCATGCGCTTTACAAACATGGAAGACAGGT
 CGAAAACAGTCTCCTGTCCGAATTTTACCAACGTTCCACCAACAAAATAATCCTTCCATCAGAGGAAG
 GATACAGATTTTGTCCCTCTGTCAGAGATATGTCTCTCGTGAGAACCAGCACTGTGTGCATTGTAATTC
 TTGCACATCCAAGGACGGCAGGAAATGGAGCCATTGCTTTCTCTGCAAAAAGTGTGTGAAGCCTTCTGG
 ATCCATTGTAACCTGCAATCGCTGTGCACTCCAGACCATTCTGTTTGGGGCCTAAAGATGGCTGCT
 TTATTTGTGGTGCCTGGATCACAAACGCAGCAATTGTCCCAACATCGGCACCTCTTGGAGAGCTAACAA
 GTTAGTTGAATTTCTTGGCTTTCTGAAAAAAGATTGCTCATGTCAAGCTTCTAGGAGCAATCTACAGA
 AGTACAAAGCTTTCAGAGGACTCAGAATTTTTCAGAGTGCTAAATCGTTCCTCTCACCATTACGT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_030185

Insert Size: 1539 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_030185.3</u> , <u>NP_084461.1</u>
RefSeq Size:	5756 bp
RefSeq ORF:	1539 bp
Locus ID:	78796
UniProt ID:	<u>Q8BKW4</u>
Cytogenetics:	5 C1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>