

## Product datasheet for **MC215740**

### Zc3h10 (NM\_134003) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h10 (NM_134003) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h10
Synonyms:	AI790326
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC215740 representing NM\_134003  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATCGCTGACCGGGACAGCTATGCCAACGGCACTGGCAGCAGCGGTGGAGGCCCTGGAGGTGGTGGCAGTG  
 AGGAGGCCAGTGGGGCAGGGACAGGCAGCGGGGAGCCACCTCAGATGCCATCTGTAGAGACTTCCTGAG  
 GAACGTCTGCAAACGAGGCAAGCGATGTCGATACCGCCACCCAGACATGAGTGAGGTATCCAATTTGGGG  
 GTAAGCAAAAAATGAATTTATCTTCTGCCATGACTTCCAAAAACAAGGAGTGTAGCCGCCCAACTGTCGTT  
 TCATCCACGGCTCCAAGGAGGATGAGGATGGCTATAAGAAGACAGGAGAGCTGCCTCCCCGGCTGAGGCA  
 GAAAGTGGCCGCTGGGCTGGGTCTCACCCGCCGACCTACCCAATGGTAAGGAGGAGGTCCCCATCTGC  
 CGCGACTTCTCAAAGGTGACTGTCAGAGAGGAGCCAAGTGAAGTTTCGTACCTGCAAAGGGATTTTG  
 AGTTTGATGCTCGCGGTGGAGGAGGCACTGGAGGTGGAGGCTCCACAGGCTCTGCTCCCCAGGACGCCG  
 TCATGATCTCTATGACATCTACGACCTCCGGAAGGGGCTTTGAGGACCACGAACCAGGCCCTAAGCGC  
 CGGAGAGGTGGCTGCTGCCCTCCTGACGGCCCCATTTTCGAGTCTACGAATGTAACCTGGCTCCGCTCC  
 GTGGGGTTGAGTGCAGACTGCTGGAGGAGGAGAAGCCCTGCTCAGGAAAACGCGTGGAGGAGCTGAAGAA  
 GCAGGTGAGCAACCTGCTGGCCACCAATGAGGTAATCTGGAGCAGAATGCCAGTTCGGGAATCAGGCC  
 AAGGTGATGACTCTGAGTCCACTGCCCGCGACTGAGCAGACCCTGGCCCCACTGTGGGCACAGTGG  
 CCATTTTAACCATGGCATCGCCAGACTCATAACCACTGAGCAGCCAGGCTCTACAGCCTCGGCCTGT  
 GTCCCAGCAAGAACTTGTGCTCCACAGGGGCACCGGCTGCTCCCCGACTAATGCTGCACCTCCTGCC  
 GCTCCGCCGCCCCACCTCCACACCTGAACCCGAGATCACGCCGCTGTCAGCCGCTCTGGCTCAGACCA  
 TCGCCAGGGGATGGCACCCCACTGTTTCCATGGCCCTGTAGCTGTGTCTGTGGCTCCTGTGGCTCC  
 TGTGGCTGTGTCATGGCCAGCCCTTAGCAGGAATCACAATGAGCCACACCCTACTCCTATGGTGACT  
 TACCCATTGCTTCCAGAGCATGCGCATCACGCCATGCCACACT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_134003

**Insert Size:** 1308 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:**

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\\_134003.1](#), [NP\\_598764.1](#)

RefSeq Size: 2102 bp

RefSeq ORF: 1308 bp

Locus ID: 103284

UniProt ID: [Q8R205](#)

Cytogenetics: 10 D3

**Gene Summary:** Specific regulator of miRNA biogenesis. Binds, via the C3H1-type zinc finger domains, to the binding motif 5'-GCAGCGC-3' on microRNA pri-MIR143 and negatively regulates the processing to mature microRNA.[UniProtKB/Swiss-Prot Function]