

## Product datasheet for **MC217398**

### Zc2hc1c (NM\_172414) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zc2hc1c (NM_172414) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc2hc1c
Synonyms:	2810002I04Rik; AV046379; Fam164c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC217398 representing NM\_172414  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGGTCTCCAGTTGGCTCCACATCTGCCTGTGGCGTTATGTTCCACATAATAAAACAGAAGCTC  
 CTGGACTCCACTCAGCTAAGCACGACCCTTACGAACAAAGTGACTCTCCAGCGGCCCTCGATGGGACA  
 TTTGAGGAATAGTTTCCAGTCGAAGCTTTGGAGCAACACAGAAATGGAGCAGGAGGACGAGGTCTCCACC  
 CGCCCCAAAAGGAACGTCTGCACAAAAGCCCGGAGGCACTCCTGTCCCCACAGTGCAGGAATCAGGCAGC  
 AAGGCTCAGGGAACAATGCCAGGGCCAAGGAAAGGGTCTGTTTTACTTGTCTAGTCCGACACCCCGGTA  
 TCCCAAAGCAAATGACCAGGACTTCATTCCCTTAGGAGGAAACGAGTGGGAGTGGATCGGGCTTACCCA  
 CTGAAACCCATGGTCCACCGAAGTCACATAGTACAAGTATGCGGGCGCAGACGGGACCAGAATGGCT  
 ACCCAAGACTCCCTGACTCAAGTGAGTTTTAGACAACAGCTTTGGTTAAGGAGCTGGGTGAATTCATC  
 TCTTCTGCCTCTGTGCAGGCAGAGAAGGTCGTGGCGGAGCTCCATAGGACCGAGTGGACCCAGATCCAA  
 AGGCTCGAAGCTGCAGGGGAGAGTTACAGAAGGAGATCCGCAGAAAGGAGATTCTCTACAAGAAAAGC  
 TGAAGAAGACAGAGGAGGGTCTTCGAAGGATGCAGAAGGAAAAGAAAACAGGCCATTTTCCAGGAAGACAG  
 AGAGCTACAAAGGATGGTACTACCTAGAAGGAGGGTTCGAGATGGTGACCATGACACCCACACAAACCC  
 TGCTTGTCCCCAGAGTTCAGGTCTGAGGTATTCAGTAGAAACAGGGGAGAGGATCAAACCTGTGATCAGG  
 CTCAGGAAAACCCTAGTCCACGCCAGCTCTCTGATTATGAACTCCAAAAGCTCAAAGGGAAAGACTGAT  
 GGCCAGTAACAGTAAAATCCGAGATCAAGACGCAGGACCCTCAGCAGACGCGTCTTTCAACCGGCAGAG  
 GAGCTGGGCAGTACACTGCAGGAGTCAAGTCGGTCCGGGACACCAGGCTCCTCTGGGTCCAGCTCCTCCA  
 CAGAAGAGCCAGAGCTGGCCAAGTGCAGCCACTGTGGACGATCGTTTCTTCCCTCAGGTCAGAGACA  
 CTCACCGTCTGTGGCAAGATGCAAGGGTCCAAAAGAAAAGTGTGGACTCTCCAGGGCCCGGGCGAAG  
 GGCACAGAACTAGAGCAGTACTTGAAGTGGAGGGACCAGCCACAGCCAAGGCTGAAACTCCGCCTCCCC  
 CTCGGAAGAGCACCTGGAGACAGAAGCACGAGTCTTTATCCGTACCCTCCGGCATGCGCAGCAGGTCCA  
 GCAGGTAATCGCCAGAGGTGGCAATCCCTCAGACTTGCCTTCCATCCTGCCTGCAGACAACCCAGACTAT  
 GTTCAGTGTCTCACTGCAGCCGCCACTTTGCTCCCAAGGTGGCTGAACGCCACATACCTAAGTGTAAAGA  
 CCATCAAGAACCAGACCACCGCCCAAGGAGGCACGACAGTGA

AC**GGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA  
 TTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-NotI
- ACCN:** NM\_172414
- Insert Size:** 1584 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\\_172414.4](#), [NP\\_766002.2](#)

**RefSeq Size:** 4482 bp

**RefSeq ORF:** 1584 bp

**Locus ID:** 72350

**UniProt ID:** [Q8CCG1](#)

**Cytogenetics:** 12 D1- D2