

## Product datasheet for **SC316431**

### ZC3H12C (NM\_033390) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H12C (NM_033390) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3H12C
Synonyms:	MCPIP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



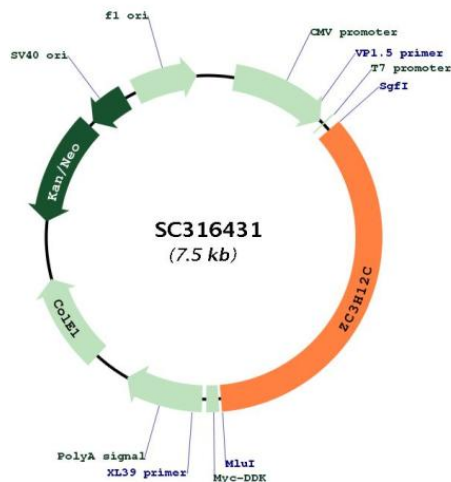
[View online »](#)

**Fully Sequenced ORF:** >SC316431 representing NM\_033390.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCCGGTGGCGGCTCCAGGAATACGGGGTGCCTTGCATTAGGAATACAGAAAAACAGCAAAGTG
GAGTCAAGTACAGTAACAACCTCATGGGCTTGAAGGATCACCTAGGGCATGACCTCGGCCACCTTAT
GTGGAGACACTGACCCACAGTTAAGTCCAGCTGTACCTTGGTCAACAGTAGAAAACCAAGTATGGAT
ACCGTTAATGTGGGAAGGATGAAAAAGAGCGCTCTGAAGAGAATGCAAGCTCTGGTGACTCTGAAGAA
AACACAAATTCTGATCATGAGTCAGAACAATTGGGTAGCATTTCAGTAGAGCCAGGCTTGATAACTAAG
ACTCACAGACAGCTCTGCAGGTCTCCCTGTTTAGAGCCTCACATACTCAAGCGCAATGAAATTTTGCAA
GACTTTAAACCTGAAGAGTCCCAGACTACATCCAAGGAAGCAAAGAAACCACTGATGTGGTGCGAGAA
TACCAACAAAACCTGGAGTTTGCACCTAAGTTAGGTTATTCTGAAGAACAGGTTCCAGCTTGTACTAAC
AACTTGGTACTGATGCTTTAATCAATGATATTTGGGAGAACTGTCAAACCTGGAAATAAAAGTGAG
GCTGATCAAACGGTTAGTACAATTAACACTATAACACGGGAAACTCTTCCCTGGAACTCAGAGGTCT
GAATCTCCAATGCAAGAGATTGTAACAGATGATGGTGAATACTGAGACCAATAGTTATTGATGGCAGC
AATGTGGCAATGAGCCATGGAAACAAAGAAGTATTTTCTGCAGAGGAATAAAATTTGGCAGTGGATTGG
TTTTTGGAAAGAGGCCACAAAGACATTACAGTTTTTGTTCCTGCTTGGAGGAAAGAGCAATCCCACCT
GATGCTCTCATTACAGATCAGGAAATTTACGTAATTTAGAGAAGGAGAAATCTGGTGTTCACGCCA
TCCCGCGAGTCCAGGGGAGGAGTGGTGTGCTATGACGACAGGTTTCATCGTGAAGCTGGCTTTTGGAG
TCGGACGGTATCATTGTGTCCAATGATAACTACAGGGACTTGGCTAATGAGAAGCCAGAAATGGAAGAAG
TTCATAGATGAACGATTATTAATGTATTCAATTTGTCAATGACAAGTTTCATGCCCTGATGACCCCTT
GGCAGACATGGCCCAGTCTGGATAATTTCTGAGGAAGAAACCTATTGTTCTGAACACAAAAAGCAG
CCTTGTCCATATGGAAAGAAGTGTACCTATGGACACAAGTGCAAAATATTACCATCCCGAAAGGGCAGT
CAGCCACAGCGGTCAAGTGGCTGATGAACTCCGTGCCATGTCTAGAAATACGGCAGCCAAAACCTGCAAC
GAAGGAGGACTGGTGAAGCAACAGTGTTCCTTGTAGCACCAAGGCTGATAGCACTTCTGATGTCAAA
CGAGGTGCTCAAAGAGGCAATCAGATCCAAGCATAAGGACACAAGTCTACCAAGACCTAGAAGAAAAG
CTTCCCACAAAAACAAATTGGAACAGGCTGTACCTTCTTAGTTAGCATCCAGCTACTTCTACT
GCAAAACCCAAAGCACTACATCTTAAAGCAATGGCCTTCCATCTGGAGTTCATTTCCACCTCAGGAT
CAAAGACCACAGGACAATATCCTTCAATGATGATGGCAACCAAAAATCATGGAACGCCAATGCCTTAT
GAACAGTATCCAAATGTGACTCACCTGTGACATCGGATATTATCCATGTTGAATGCATACTCAAT
CTGAGTCTCTCAGGCCACGAAGCCCTGAAAGGGTTTTCTCCTTAGACACAGATTATAGAATAAGTTCC
GTAGTCTCTGACTGCAGCAGTGAAGGGAGCATGAGCTGTGGGAGCAGTACTCCTACGTGGGTTACAAT
GACCGGTCTATGTCAGCTCCCCGACCCACAGCTAGAGGAGAATTTGAAGTGTCAACACATGCACCT
CACAGCCGCTTAATCCTCAACCGTTTCTGCAGAAATTTCCACGACCCCTTAACCAGAGGGCAAAGTTAC
AGTCACGAAGAACCAAAGTTCCATCACAAAGCCTCCTCTCCGACCTGGCTCTGCACCTGCCGACTCC
GCTGTGGGCGCCCGTCCAGCTGTCTGGCGACTACCCCTCTCCTCAAGTTCAGCACACTTAAGGCA
CCACACCTAGGGAGGTCCTTGGTGGCCACGAGAATAGACAGCATCTGACTCTCGACTTATGACAGT
TCTCCTTACGACAAAGAAAGCCTTATTTCCCGCAGGAAGCCTGGGAAGCTGGGAGAGGCCAGGCTAT
GGGATCGACGCCATGGGTACCGGCAGACTTATTCTTGGCCGATAACTCCACACAGCCGTGTTATGAG
CAGTTCACCTTCCAGAGCCTCCCTGAGCAACAGGAGCCAGCCTGGCGGATCCCATACTGTGGAATGCCG
CAAGATCCCCGAGGTATCAAGACAACCGAGAAAAGATTTATATCAATTTGTGCAACATCTTCCCCCT
GACCTTGTGAGAATTGTCATGAAAAGGAATCCTCACATGACAGACGCCAGCAGCTCGCCGAGCCATT
TTAGTGGAGAAATCCAGCTGGTTATTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_033390

**Insert Size:** 2652 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_033390.1](#)

**RefSeq Size:** 8807 bp

**RefSeq ORF:** 2652 bp

**Locus ID:** 85463

**UniProt ID:** [Q9C0D7](#)

**Cytogenetics:** 11q22.3

**MW:** 99.3 kDa

**Gene Summary:** May function as RNase and regulate the levels of target RNA species.[UniProtKB/Swiss-Prot Function]