

Product datasheet for **MC222496**

Zc3h12c (NM_001162921) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h12c (NM_001162921) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h12c
Synonyms:	A230108E06; C230027N18Rik; mKIAA1726
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222496 representing NM_001162921
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCGGGCCGGGCGCCGAGGAAACGGACCCACGGCTGTGATCCTGCCGCTCGGACCTCGC
 GCGCTCGTGGGAATACGGGTGCTTTGCATTCAAGAATACAGGAAAAGCAGCAAAGTGGAGTCAAGTGC
 ACGGAACAGCTTCATGGGCTGAAGGATCACCTGGGCATGATCTTGGCCATCTTTATATGGAGAGCACT
 GACCCACAGATGAGTGCAGCTGTGCCTTGGCCTATGGTAGAGAAACCAACATGGATACAGTCAATTCGG
 GGAAGGAAGAAAAGGGGTGTCAGAAGAGAATGTGAGCTCCGGCGACTCTGAGGGAAGCAGAGTTCTGA
 TCATGAGTCAGAACAACTGAGTAGCCTTTCGGTAGAGCCATGCTCATTAAACCAAGACTCACAGACAGCTA
 TGTGCTCTCCCTGCTTAGAGCCTCGCCTACTGAAACACAGTGACATTTTGCAAGACTTTAAACCAGAAG
 AGTCCCAGACTCCATCTAAGGAAGTGAAGAAACCCCTGATGTGGTTCGAGAATACCAACAAAACTGGA
 GTTTCAGCTTAAGTTAGTTTATTCTGAAGAACAGGTCCAGCTTGTGCTAAACAACTTGGTACTGATGCT
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 CTATTAACAGCGTAATGCGAGAAACCTCATCCCTGGAGTCTCAGAGGTCTGAATCTCCAATGCAAGAGGT
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 ATATCACGGTCTTTGTTCTGCTTGGAGAAAAGAACAGTCCCGCCCTGACGCCCTCATCACAGATCAGGA
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 TTTCTGAGGAAGAAACCCATTGTTCTGAGCACAAAAAGCAGCCTTGTCCCTATGGAAGAAGTGTACGT
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 TCGTGCCATGTCTAGAAACACAGCAGCCAAACTACAAATGAAGGGGAGTGGTGAAGCAACAGTGT
 CCTTGCAGCACCAAGGCAGACAGCACTTCGGATGTTAAACGCGGTGCTCCAAAGAGGCAGTCAAGCCAA
 GCATAAGGACTCACGTCTACCAAGACATAGAGGAGAAGCTTCCACCAAAAAACAAGTTGGAACAGGTC
 TGTACCTTCCTTAGTTAGTATCCCGCCACTTCTACTGCAAAACCCCAAGCACTACACCTTTAAGCAAT
 GGCCTTCCATCTGGAGTTCATTTCCACCTCAGGATCAAAGACCACAGGACAATACCCTCCAATGATGA
 TGGCAACCAAAAAATCATGGAACGCCAATGCCTTATGAACAGTATCCAAAAATGTGACTCCCTGTTGACGT
 TGGATATTATTCCATGTTGAATGCATATTCTAATCTGAGTATCTCAGGCCCCGAAGTCTGAAAGGCGT
 TTCTCACTAGACACTGATTACAGAGTAACTCTGTGGCTTCAGACTGCAGCAGTGAAGGGAGCATGAGTT
 GTGGGAGCAGCGACTCCTACGTGGGTACAATGACCGCTCCTATGTCAGCTCTCCTGACCCACAGCTGGA
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 CACGATCCCTTAACCAGAGTCCAGAGTTACAGTCACGAAGAACCAGTTCATCCCAAGCGTCTCTTC
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 CCCACCAAGTTCAGCACATTGGAAGGCACACCTAGGAGGTCCTTAGTGGCCACGAGAATAGACAGC
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 TAGGAAGCTGGGGTAGGCCAAGCTATGGCTGGAAGCATATGGCTATCGGCAGACGTAATCTTACCCGA
 TAATTCACGCCCCCATGCTATGAGTCGATCACCTTCCAGAGCCTGCCTGAGCAGCAGGAACCCACCTGG
 AGAATCCCTACTGTGGAATGCCACAGATCCTCAAGGTACCAGGACAACCGAGAGAAGATTTTATCA
 ATTTGTGAACATCTTCCCCCTGACCTTGTGAGGCTCGTCATGAAAAGGAATCCTCATATGACGGATGC
 CCAGCAGCTCGCCGACGCATCTTAGTGAGAAATCGCAGCTGGGTTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1752_f08.zip

Restriction Sites: SgfI-MluI

ACCN:	NM_001162921
Insert Size:	2712 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001162921.1, NP_001156393.1</u>
RefSeq Size:	6133 bp
RefSeq ORF:	2712 bp
Locus ID:	244871
UniProt ID:	<u>Q5DTV4</u>
Cytogenetics:	9 A5.3
Gene Summary:	May function as RNase and regulate the levels of target RNA species.[UniProtKB/Swiss-Prot Function]