

Product datasheet for **RN205513**

Zc3h12c (NM_001108146) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h12c (NM_001108146) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h12c
Synonyms:	RGD1565078
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205513 representing NM_001108146
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCGGAGAAGACATTGCAGGAATACGGGGTGCCTTGCATTCAAGAATACAGGAAAAGCAGCAAAG
 TGGAGTCAAGTGCACGGAACAGCTTCATGGGCTTGAAGGATCACCTGGGCATGACCTTGCCACCTTTA
 TATGGAGAGCGCTGACCCACAGATAAGTGCAGCTGTGCCTTGGCCATGGCAGAGAAAACCAACAATGGAT
 ACAGTCAGTGCAGGGAAGGAAGAAAAGGGGGTGTCTGAAGAGAACGTGAGCTCTGGTACTCTGAGGAAA
 GCACGAATTCTGATCATGAGTCAGAACAACAGTAGCCTTTCGGTAGAGCCATGCTTATTAACCAAGAC
 TCACAGACAATTGTGTCGGTCTCCCTGCTTAGAACCTCACCTACTGAAACACAGTGATGTTTTGCAAGAC
 TTTAAACCAGAAGAGTCCAGACTCCATCCAAGGAAGTGAAGAAACCCCTGATGTGGTTCGAGAATAACC
 AAACAAAAGTGGAGTTGCACTTAAGTTAGGTTATTCTGAAGAACAGGTCCAGCTTGTGCTAAACAAAAGT
 TGGTACTGATGCTTTAATCAATGATATATTGGGAGAACCTGTCAAACCTTGAAAATAAAGTGAAGCTGAT
 CAAACAGTTAGTACTGTTAACAGTGCATGCGAGAAACATCGTCCCTGGAGTCTCAGAGGTCTGAATCGC
 CAATGCCAGAGATCGTGACAGATGATGGTGAATACTGAGGCCAGTAGTTATTGATGGCAGCAATGTGGC
 AATGAGCCATGGAACAAAGAAGTGTCTCATGCCGAGGAATAAAATTGGCAGTGGATTGGTTTTTGGAA
 AGAGGCCACAAAGATACACGGTCTTTGTTCCAGCTTGGAGAAAAAGAACAGTCGCGACCTGACGCCCTTA
 TCACAGATCAGGAAATTTACGTAACCTAGAGAAGGAAAAATCCTGGTGTTCACACCATCACGGCGTGT
 CCAGGGCAGGCGCGTGGTGTGCTATGACGACAGGTTTCATCGTGAAGCTGGCTTTTGAATCCGATGGTATA
 ATGTGTCCAATGATAACTACAGAGATCTGGCAATGAAAAGCCAGAATGGAAGAAGTTCATAGATGAAC
 GGCTATTGATGACTCCTTCGTCATGACAAGTTCATGCCCCAGATGACCCACTTGGCAGGATGGCCC
 AAGTCTGGATAATTTCTGAGGAAGAAGCCATTGTTCCCTGAACACAAAAGCAGCCCTGTCCCTATGGA
 AAGAAGTGTACGTATGGACACAAGTGAATAATTACCACCCAGAAAGGGGAGCCAGCCCTCAGCGCTCAG
 TGGCTGATGAACTTCGTGCCATGTCTAGAAACACAGCAGCAGCAAACTACAATGAAGGGGGACTGGTGA
 GAGCAACAGTGTTCCTTGACGACCAAGGCTGATAGCACTTCGGATGTTAAACGAGGTGCTCAAAGAGG
 CAGTCAGACCCAAGCATAAAGACTCACGCTACCAAGACATAGAGGAAAAGCTTCCACCAAAAACAAGT
 TGGAAACCAGGTCTGTACCTTCCCTTAGTTAGTATCCCAGGCACTTCTACTGCAAAACCCAAAGCACTAC
 ATCTTTAAGCAATGGCCTTCCATCTGGAGTTCATTTCCACCTCAGGATCAAAGACCACAGGACAATAC
 CCTCCAATGATGATGGCAACCAAAAATCATGGCGGCCAATGCCTTACGAACAGTATCCAAAATGTGAGT
 CCCCTGTTGATGTTGGCTATTATCCATGTTGAACGCATATTCTAATCTGAGTATCTCAGGCCCCCGAAG
 TCCTGAAAGGCGTTTCTCCCTAGACACTGATTATAGAGTCAATTCTGTAGCTTACAGACTGCAGCAGTGAG
 GGGAGCATGAGCTGTGGGAGCAGCGACTCCTACGTGGGGTACAGTGACCCTCCTACGTGAGCTCTCCTG
 ACCACAGCTGGAAGAGAATCTCAAGGGTCAACACATGCACCCTCACAGCCGCTTAACTCCCAGCCCTT
 CCTGCAGAGTTTCCACGATCCCTTAAACAGAGTTCAGAGTTACAGTCACGAAGAACCAAGTTCATCAC
 AAGCGTCTCTCCACACTTGGCTATGCATCTGCAGCACCCCTGCCGTGGTGCCCGCTCCAGCTGTCTG
 GCGACTACCCCTCTCCACCAAGTTCAGCACACTTAAGGCATCACACCTAGGGAGGTCTTAGTGGCCAC
 GAGAATAGACAGCATTTCTGACTCTGACTCTATGATAGTTCTCCTTCAAGACAAGAAAGCCTTATTCT
 CGCCAGGAAGGCCTAGGAAGCTGGGATAGGCCAAGCTATGGGATGGACGCGTATGGCTACCGGCAGACTT
 ACTCCTTACCCGACAATTCCACACCCCCCTGCTATGAGTCGATACCTTCCAGAGCCTGCCCGAGCAGCA
 GGAGCCGACTGGAGGATCCCTTACTGCGGAATGCCACAGCACCTCCGAGGTACCAGGACAGCCGAGAG
 AAGATTTATCAACTTGTGCAACATCTCCCCCTGACCTTGTGAGGCTCGTCATGAAGAGGAATCCTC
 ACATGACAGATGCCAGCAGCTCGCGCAGCCATCTTAGTGGAGAAGTGCAGCTGGGTTACT**GA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001108146

Insert Size:	2655 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:	<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_001108146.1</u> , <u>NP_001101616.1</u>
RefSeq Size:	2709 bp
RefSeq ORF:	2655 bp
Locus ID:	315658
Cytogenetics:	8q24