

Product datasheet for **SC319531**

ZC3H10 (NM_032786) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H10 (NM_032786) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3H10
Synonyms:	ZC3HDC10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_032786.1
 GGCTCTTTGTGCGAAGCTAGAGGACCGGCAGGCGGCAGCAGCAACTACGGCGGCGGGCGCA
 GAACCCAGCAGTGATGTGGAGGTGGAGACCCACAGGAGCCCCGGACTTCACCTGAGCTAC
 CTCAGTGGTCACCAAGAGTGGCAAGATAAAGAAAAACCTGAGTTGGGCGGGACCAGGATG
 CCTGACCCGGACAGCTATGCCAACGGTACCGGGAGCAGCGGTGGAGGCCCTGGAGTGGT
 GGCAGCGAGGAGCCAGTGGGGCAGGGGTAGGCAGTGGCGGGGCCAGCTCAGATGCCATC
 TGTAGAGACTTCTTGAGGAATGTGTGCAAGCGAGGCAAGCGTTGCCGATATCGCCACCCA
 GACATGAGCGAGGTGTCCAACCTGGGGGTGAGCAAAAACGAGTTTCATCTTCTGCCATGAC
 TTCCAGAACAAGGAGTGTAGCCGCCAAATTGCCGTTTCATCCATGGCTCCAAGGAGGAT
 GAGGATGGCTATAAGAAGACAGGAGAGCTTCCCCACGGCTGAGGCAGAAAGTAGCAGCT
 GGCCTTGGCCTTTCACCGGCTGACCTACCAATGGCAAGGAGGAGGTCCCTATCTGCCGT
 GACTTTCTCAAGGGTACTGTGTCAGAGAGGACCAAGTGAAGTCCGTCACCTGCAACGG
 GATTTTGAGTTTATGCTCGGGGTGGAGGAGGCACTGGTGGGGCTCAACAGGCTCAGTC
 CTCCCAGGACGACGTATGATCTCTATGATATCTATGACCTTCCGACAGGGGCTTGGAG
 GACCATGAGCCAGGCCAAAACCGCGGAGGTGGATGCTGCCCCCTGATGGCCCTCAT
 TTTGAGTCATATGAATATAGTTTGGCTCCACCGGAGGGGTGGAGTGCAGACTGTAGAG
 GAGGAGAATGCCATGCTCAGGAAGCGGGTAGAGGAGTTAAAGAAGCAGGTGAGCAACCTG
 CTGGCCACCAATGAGGTACTACTGGAACAAAATGCTCAGTTCGCAATCAGGCCAAGGTC
 ATAACCTGAGCTCCACTGCACCAGGACTGAGCAGACTCTGGCCCCACTGTGGGCACT
 GTTGCCACTTTTAACCATGGCATTGCCAGACTCACACTACTCTCAGCAGCCAGGCTCTA
 CAGCCTCGTCCAGTGTCCAGCAAGAATGGTGGCCCCGCTGGAGCTCCAGTGTCTCC
 CCAACTAATGCTGCACCTCCTGTGCTCCACCACCCCCACCCACACTTGACCCAGAG
 ATCAGCCACTGTGAGTGCCTGGCTCAAACAATTGCCAGGGAATGGCACCTCCACT
 GTCTCCATGGCTCCTGTGGCTGTATCTGTGGCTCCTGTGGCCCCGTGGCTGTATCGATG
 GCCAACCCCTTGGCAGGAATCACAAATGAGCCACACCACCTCCCATGGTGACTTACCCT
 ATCGCTTCCCAGAGCATGCGCATCACGGCCATGCCACACTGATGGGGCTAATGGACTC
 CCCTGGTATAGCCTCGCAGGGCTGGGGTCAAGGGGCCCTTGGCCACTCACCTAGCCTTCC
 CCATCCCTGTCTGAAGGGCTCCCTTGAGAACTAGGACAAGAGACTACAAGGAGTATGTCC
 TGAGGAGGGGTTGGGATGGTGTGTTTTCTCACCTCCCTTTTATGAGGGTCTCTTGTG
 CATCTTCAAGCCTCACAGTGGGGCTTGCAGAGGAGTGCAGACTGAAGCCAGCAGAGAGG
 AAGGACTGACTGAGGGGCTGTGCTCTTATGGGAATTTGGGAACATCCCTCGTCTTGTG
 CTCTCTTGTGCACAGCACAGGTTCCAGCACTGGTTTTAGAAAGAAAAAAATACCCTGCCCA
 GAGGAAAAGCCAGGAAAGATTGGGAAGTGGGTGGTCAAGGAGAGAAGGCCTGATAGGAGCC
 TTCAGACAATTTGGGTCCTAGTTGCTTGGGTTGGACAATACAGGAATTGCTTCTGGGCC
 TGGGAAAGCTGGGACCATAGTGTCCAGCCAAAGACTAGGGGAGCATTACCTACCTAG
 TTTGACCTGAAAAATCCATAGGGCAGGGCCCACTACTTTCCAAAGAAAATAAAGAACAATT
 ATTTTTAACAAA

Restriction Sites: Please inquire

ACCN: NM_032786

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:	<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_032786.1, NP_116175.1</u>
RefSeq Size:	2121 bp
RefSeq ORF:	1305 bp
Locus ID:	84872
UniProt ID:	<u>Q96K80</u>
Cytogenetics:	12q13.2
Domains:	zf-CCCH
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript. All three variants encode the same protein.</p>