

Product datasheet for **SC115145**

ZC3H7A (NM_014153) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H7A (NM_014153) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3H7A
Synonyms:	HSPC055; ZC3H7; ZC3HDC7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_014153, the custom clone sequence may differ by one or more nucleotides

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GAATTCGCACGAGGCCTCGTGCCGAATTCGGCACGAGGAGAGAACTAGTCTCGAGTTTTTTTTTTTTTTT
TTTTTTTCATTTTTTCTTGCTCTGTCAACCCAGGCTGGAGTGCAATGTTGCGATCTCCGCTCACCCGAGCC
TCCACCTCCACCTCCTGGGTTCAAGCAATTCTTCTGCCCTCCCGAGTAGCTGGGATTACAGGCGT
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GCTGGTCTCGGACTCTTGACCTCAAGTGACCCACCCGCTTGGCCTCCCAAAGTGTGGGATTACAGGCG
TGAGCCACCATGCCAGCCCGGACCTTTTTCTTAAAGAAGAAATTATACTGTATGTGTATGTGTGT
AGAGAGTGTGGTGAAGCTTAAAGACAATGGGCTTCAAAGTCTGCCAGAAGGGCCCAAGTCAAGTTATTCA
GCCTCAGTTTGCTCACCTGTAATTGGGAATAATTATGTGTATGGTGTATGTAAACACCTGGCACAGTG
CCTGGCCTTCTCCTTTACCTGCTTTTCTCCTGCTCCTTATCATTGAGCTTTGAAAGACTATGGTAAATG
TTTCCCTAGTAATATGACTAAGTACTTACTGGGTTTGACGGGGGAAAGAATATGACTATTTTATCCAGT
ACTGACTTTATGCAGAAGATTTTAAAGGTGGGCTCACTGACATTGGTCCAAGGGAGGAAATGTACAGTGT
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ATGGTATGGCTAGTGTGATAATTGTCTTCTGATAATGCATATGTAGTGAATTATGGCCGAGGTTAGTTTC
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TGCAGTGTCTTTACTGCTTTCAAGTGTGATGTGGAGGAATCATTAGTGTGGCAGGGAACAGGAGCT
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GAATTTGATTACTAAGTATTAGCATGGATAATAATGCTTCTTTTGCTTAAATGAAAAATAGGCCGTTT
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AAAAATGTCAATATGTTGAAACTGTTCTTTGCTCATAGTCTGAGGAAAGAGAAGTTTGGACTTACA
TGAAGGAGAATGGGATACAAGATATGGAGCAATTTACGAACTATGGCTCAAGAGTCAAAAAATGAAAA
AAGTGAAGACATAGCCAGTCAGTCAAACAAGGAAATGGAACAAATTCACATGCCAACAGATTATGCT
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CTTCCCAACAGGCTATTTTCAATTTGTGATAGGTATATGAATGGCACCTGCCAGAAGGAAACAGCTGT
AAATTTGCACATGGAAATGCCGAATTCATGAATGGGAAGAAAGAAGAGATGCCCTAAAGATGAAGCTCA
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GAGGATAAGGTTATATCTAGGACAACTCTTTGAGTTGGTCCTTCATATAAGAATTCGTGACGGTAAGAGA
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TAAGCCAAATAACCATTTAACTAGTATTTGTTAAATGGGGTATTTTCTGTATTTGTATGTTTCACTA
TAATAAGGGAATTAAGGATAATGTGCATTGAGAATTTTTGAAAAATAATTGACTCAAATTTTATTTCTT
GGTCTTTTGTGTTTAAATGATGATTTTGAAGATTAAACCTGTACTGTTGGTATTGTGTAGTGTATGG
ACCAATACTGCCTGTAATAAAGATTTTATATATAAAAAAAAAAAAAAAAAAAAACTCGACTCTAGATT
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Restriction Sites: NotI-NotI

ACCN:	NM_014153
Insert Size:	3009 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_014153.1</u> , <u>NP_054872.1</u>
RefSeq Size:	3817 bp
RefSeq ORF:	504 bp
Locus ID:	29066
UniProt ID:	<u>Q8IWR0</u>
Cytogenetics:	16p13.13
Domains:	zf-CCCH
Gene Summary:	May be a specific regulator of miRNA biogenesis. Binds to microRNAs MIR7-1, MIR16-2 and MIR29A hairpins recognizing the 3'-ATA(A/T)-5' motif in the apical loop.[UniProtKB/Swiss-Prot Function]