

Product datasheet for **SC126925**

ZC3H14 (NM_024824) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H14 (NM_024824) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3H14
Synonyms:	MRT56; MSUT-2; NY-REN-37; SUT2; UKp68
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_024824, the custom clone sequence may differ by one or more nucleotides

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ATGGAGATCGGCACCGAGATCAGCCGCAAGATCCGGAGTGCCATTAAGGGGAAATTACAAGAATTAGGAG
CTTATGTTGATGAAGAACTTCTGATTACATTATGGTGATGGTGGCCAACAAGAAAAGTCAGGACCAAAAT
GACAGAGGATCTGTCCCTGTTTCTAGGGAACAACACAATTCGATTCACCGTATGGCTTCATGGTGTATTA
GATAAACTTCGCTCTGTTACAACCTGAACCTCTAGTCTGAAGTCTTCTGATACCAACATCTTTGATAGTA
ACGTGCCTTCAAACAAGAGCAATTTTCAGTCGGGGAGATGAGAGGAGGCATGAAGTGCAGTGCCACCACT
TGCCATTCTAGCGGAGACCTGAAAAAGAGATTCCAGAGTTTCTACAAGTTTCGAGGAGTCAAAAACC
ACAAATGTCAGACAGACTTACGATGATGGAGCTGCAACCCGACTAATGTCAACAGTGAAACCTTTGAGGG
AGCCAGCACCTCTGAAGATGTGATTGATTAAGCCAGAACCAGATGATCTCATTGACGAAGACCTCAA
CTTTGTGCAGGAGAATCCCTTATCTCAGAAAAACCTACAGTGACACTTACATATGGTCTTCTCGCCCT
TCTATTGAAATTTATCGACCACCTGCAAGTAGAAATGCAGATAGTGGTGTTCATTTAAACAGGTTGCAAT
TTCAACAGCAGCAGAATAGTATTCATGCTGCCAAGCAGCTTGATATGCAGAGTAGTTGGGTATATGAAAC
AGGACGTTTGTGTGAACAGAGGTGCTTAACAGCTTAGAAGAAACGTATAGTCCGTTCTTTAGAAAACAAC
TCGGAGAAAATGAGTATGGAGGATGAAAACCTTCGGAAGAGAAAAGTTGCCTGTGGTAAGTTCAGTTGTTA
AAGTAAAAAATCAATCATGATGGAGAAGAGGAGGAAGAAGATGATGATTACGGGTCTCGAACAGGAAG
CATCTCCAGCAGTGTGTCTGTGCCTGCAAAGCCTGAAAGGAGACCTTCTCTTCCACCTTCTAAACAAGCT
AACAGAATCTGATTTTGAAGGCTATATCTGAAGCTCAAGAAATCCGTAACAAAAACAATACTACTCTA
CAGTTCCACAGAAACAGACACTTCCAGTTGCTCCAGAACTCGAAGTCTCAAGAAGAATTGCTAGCAGA
AGTGGTCCAGGGACAAAGTAGGACCCCAAGATAAGTCCCCCATTAAAGAAGAGGAAAACAAAAGGAGAT
TCTGTAGAAAAAATCAAGGAACTCAACAGAGGCAATTATTATCCCGACTGCAAAATCGACCCAGTAATGG
CAGAAACTCTGCAGATGAGTCAAGATTACTATGACATGGAATCCATGGTCCATGCAGACACAAGATCATT
TATTCTGAAGAAGCCAAAGCTGTCTGAGGAAGTAGTAGTGGCACCAAAACCAAGAGTCGGGGATGAAGACT
GCAGATTCCTTCGGGTACTTTTCAGGACACCTTATGCAGACACGAGATCTTGTACAACCAGATAAACCTG
CAAGTCCCAAGTTTATAGTGACGCTGGATGGTGTCCCCAGCCCCCAGGATACATGTCAGATCAAGAGGA
GGACATGTGCTTTGAAGGAATGAAACCCGTAACCAAACCTGCAGCCTCAAACAAGGGACTCAGAGGTCTC
CTCCACCCACAGCAGTTGCACTTGCTGAGCAGGCAGCTTGAGGACCCAAATGGTAGCTTTTCTAACGCTG
AGATGAGTGAAGTGAAGTGTGGCACAGAAACCAGAAAAACTTTTGGAGCGCTGCAAGTACTGGCCTGCTTG
TAAAAATGGGGATGAGTGTGCCTACCATACCCCATCTCACCTGCAAAGCCTTCCCAATTGTAATTT
GCTGAAAAATGTTTGTGTTTCCACCAAAATGTAATATGATGCAAAGTGTACTAAACCAGATTGTCCTT
TCACTCATGTGAGTAGAAGAATTCAGTACTGTCTCAAAAACCAGCAGTTGCACCACCAGACCACCTTC
CAGTAGTCAGCTCTGCCGTTACTTCCCTGCTTGTAAAGAAGATGGAATGTCCTTCTATATCAAAAACAT
TGTAGGTTTAACTCAATGTACAAGACCGGACTGCACATTCTACCATCCCACCATTAATGTCCCACCAC
GACATGCCTTGAATGGATTCGACCTCAAACCAGCGAATAG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024824 unedited GTAATACGACTCACTATAGGGCCGCGCAATTCGGCACGAGGCAGCCTCCGGTAAAGCC AAGCGCCGCGCAGTGCTGAGTTCGCCGACGCCGACAGCCATGGAGATCGGCACCGAGAT CAGCCGCAAGATCCGGAGTGCCATTAAGGGGAAATTACAAGAATTAGGAGCTTATGTTGA TGAAGAACTTCCTGATTACATTATGGTGATGGTGGCCAACAAGAAAAGTCAGGACCAAAT GACAGAGGATCTGTCCCTGTTTCTAGGGAACAACAATTTCGATTACCGTATGGCTTCA TGGTGATTAGATAAACTTCGCTCTGTTACAACCTGAACCCTCTAGTCTGAAGTCTTCTGA TACCAACATCTTTGATAGTAACGTGCCTTCAAACAAGAGCAATTCAGTCGGGGAGATGA GAGGAGGCATGAAGCTGCAGTGCCACCCTTGCCATTCTAGCGCGAGACCTGAAAAAAG AGATTCCAGAGTTTCTACAAGTTCGAGGAGTCAAAAACCAAAATGTCAGACAGACTTA CGATGATGGAGCTGCAACCCGACTAATGTCAACAGTGAACCTTTGAGGGAGCCAGCACC CTCTGAAGATGTGATTGATATTAAGCCAGACCAGATGATCTCATTGACGAAGACCTCAAC TTTGTGCAGGAGAATCCCTTATCTCAGAAAAACCTACAGTGACACTTACATATGGTTCT TTCTCGCCCTTCTATTGAANNATTATCGACCACCTNNGCAGTAGAATGCAGATAGNNGGG TTGTCATTTAANCAGNNTGCAATTTCAACAGCAGCAGAATAGTTATTCATGCTGNCAAG CAGCTTGATATGCANNAGTANNTNNGTATATGAAAACAAGAACGTTTGTGTGAACCCAGA GGTGCTAACAGCTAAAAAACGNTATANGNCCGCTTTTTGAAA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024824 unedited GCGGCCGCAATCTAGAATCGAGTTTTTTTTTTTTTTTTTTTTAGCAGTTTAATTTGGTCTG AGAATGTTGCAGTCTTTATTACCCCTTTTGCATTAATCCACTTTTCTAACCCCTTTTAA GCTTTAATTTTTAACACTATACACCAAGTCTTTGAAATCAGTGATCTGTTATTTAACTCT AAAGCATTGACACTTCTTGCCTTAACAGTTTTAAAAACACACAAAAAACTCTGTA AGTAATACAGTAGGCCAAAAGTTTCATCCTATCTATCTTGCAGTTTACCTATCTGATCTG ATCTCTGTAATTATAGTTCTGTCATTTAAAATATACTATTTAAATCTAATTTTTACATTT CAAAAATTATCTTCAGTAGTAACATAAGTATATTTTCTGTGGATTCTGAGAATGTTATTTT TCAGAATGTGAGAATACATATGTACATTTATAATCTTGTGACTTTAAAGTCTGTTTTTCAG ATACAGTATGAAATACTTGTAATAAATTTGTATAATTTGAGATAATGTAGTTTCCCA AAAAAATTATTTAGAAGGCATTATGTTATTAGTAAATGAGAGCACTGTATAGAAGTGTTC CTATTTTCTGCATTGCCATTCCAGCTGCCTCCACTGTCCATACCCACCTCATTATCCTC GTCACAGAAGGCAGGAAAACCTGGGAACCTTACCAAAGTAGCACTCAGCCTGAGAGGCCTG TATAATCATGCTTTTCAAATAAATTCACTTAAAAATTAAGAGCAGAATTGAATATTTT AAGCAGCCTCAGTACCTTTGCCAATGCTGTTTTTCATGGGGATATGAACATTTATAATCT TTGGGAAAGTGAAGTAGTACAATTTTAGATAATGACACTGGCTACTGATCTCTCACTAAC ACAACCGGTACCCCTAGCTGCATACATGACTACCATGAGTNCATTCTATGCTGATCCTA CAACACATGCCAAACTGCCCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_024824
Insert Size:	3090 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.

RefSeq: [NM_024824.3](#), [NP_079100.2](#)

RefSeq Size: 4208 bp

RefSeq ORF: 2211 bp

Locus ID: 79882

UniProt ID: [Q6PJT7](#)

Cytogenetics: 14q31.3

Domains: zf-CCCH

Gene Summary: The protein encoded by this gene is a poly(A)-binding protein that can affect gene expression and poly(A) tail length. The encoded protein may influence mRNA stability, nuclear export, and translation. [provided by RefSeq, May 2016]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).