

## Product datasheet for **SC327643**

### ZC3H14 (NM\_001160103) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H14 (NM_001160103) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3H14
Synonyms:	MRT56; MSUT-2; NY-REN-37; SUT2; UKp68
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001160103, the custom clone sequence may differ by one or more nucleotides

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ATGGAGATCGGCACCGAGATCAGCCGCAAGATCCGGAGTGCCATTAAGGGGAAATTACAA
GAATTAGGAGCTTATGTTGATGAAGAACTTCTGATTACATTATGGTGATGGTGGCCAAC
AAGAAAAGTCAGGACCAATGACAGAGGATCTGTCCCTGTTTCTAGGGAACAACAATT
CGATTACCCGTATGGCTTCATGGTGTATTAGATAAACTTCGCTCTGTTACAACCTGAACCC
TCTAGTCTGAAGTCTTCTGATACCAACATCTTTGATAGTAACGTGCCCTTCAAACAAGAGC
AATTTTCAGTCGGGGAGATGAGAGGAGGCATGAAGCTGCAGTGCCACCACTTGCCATTCT
AGCGCGAGACCTGAAAAAAGAGATTCCAGAGTTTCTACAAGTTCGCAGGAGTCAAAAAACC
ACAAATGTCAGACAGACTTACGATGATGGAGCTGCAACCCGACTAATGTCAACAGTGAAA
CCTTTGAGGGAGCCAGCACCCCTCTGAAGATGTGATTGATTAAGCCAGAACCAGATGAT
CTCATTGACGAAGACCTCAACTTTGTGCAGGAGAATCCCTTATCTCAGAAAAACCTACA
GTGACACTTACATATGGTTCTTCTGCCTTCTATTGAAATTTATCGACCACCTGCAAGT
AGAAATGCAGATAGTGGTGTTCATTTAACAGGTTGCAATTTCAACAGCAGCAGAATAGT
ATTCATGTGCCAAGCAGCTTGATATGCAGAGTAGTTGGGTATATGAAACAGGACGTTTG
TGTGAACCAGAGGTGCTTAACAGCTTAGAAGAAACGTATAGTCCGTTCTTTAGAAAACAAC
TCGGAGAAAAATGAGTATGGAGGATGAAAACCTTCGGAAGAGAAAGTTGCCTGTGGTAAGT
TCAGTTGTTAAAGTAAAAAATCAATCATGATGGAGAAGAGGAGGAAGAAGATGATGAT
TACGGGTCTCGAACAGGAAGCATCTCCAGCAGTGTGTCTGTGCCTGCAAAGCCTGAAAGG
AGACCTTCTCTCCACCTTCTAAACAAGCTAACAAGAATCTGATTTTGAAGGCTATATCT
GAAGCTCAAGAATCCGTAACAAAAACAATAACTACTCTACAGTTCACAGAAAACAGACA
CTTCCAGTTGCTCCAGAACTCGAACTTCTCAAGAAGAATTGCTAGCAGAAGTGGTCCAG
GGACAAAAGTAGGACCCCCAGAATAAGTCCCCCATTAAAGAAGAGGAAAACAAAAGGAGAT
TCTGTAGAAAAAATCAAGGAACCTCAACAGAGGCAATTATTATCCCGACTGCAAAATCGAC
CCAGTAATGGCAGAACTCTGCAGATGAGTCAAGATTACTATGACATGGAATCCATGGTC
CATGCAGACACAAGATCATTTATTCTGAAGAAGCCAAAGCTGTCTGAGGAAGTAGTAGTG
GCACCAAACCAAGAGTCGGGGATGAAGACTGCAGATTCCCTTCGGGTACTTTCAGGACAC
CTTATGCAGACACGAGATCTTGTACAACAGATAAACCTGCAAGTCCCAAGTTTATAGTG
ACGCTGGATGGTGTCCCCAGCCCCCAGGATACATGTCAGATCAAGAGGAGGACATGTGC
TTTGAAGGAATGAAACCCGTAACCAAACTGCAGCCTCAACAAGGACTCAGAGGTCTC
CTCCACCCACAGCAGTTGCACTTGTGAGCAGGCAGCTTGAGGACCCAAATGGTAGCTTT
TCTAACGCTGAGATGAGTGAAGTGAAGTGTGGCACAGAAACAGAAAAACTTTTGGAGCGC
TGCAAGTACTGGCCTGCTTGAAAAATGGGGATGAGTGTGCCTACCATACCCCCATCTCA
CCCTGCAAAGCCTTCCCAATTGTAATTTGCTGAAAAATGTTTGTGTTTACCCAAAT
TGTAATATGATGCAAAGTGTACTAAACAGATTGTCCCTTCACTCATGTGAGTAGAAGA
ATTCCAGTACTGTCTCCAAAACAGTTGCACCACCAGCACCACCTTCCAGTAGTCAGTCT
TGCCGTTACTTCCCTGCTTGTAAGAAGATGGAATGTCCCTTCTATCATCCAAAACATTGT
AGGTTTAACTCAATGTACAAGACCGGACTGCACATTCTACCATCCCACCATTAATGTC
CCACCACGACATGCCTTGAATGGATTGACCTCAAACCAGCGAA

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001160103

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001160103.1, NP_001153575.1</u>
<b>RefSeq Size:</b>	4205 bp
<b>RefSeq ORF:</b>	2208 bp
<b>Locus ID:</b>	79882
<b>UniProt ID:</b>	<u>Q6PJT7</u>
<b>Cytogenetics:</b>	14q31.3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (5) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The resulting isoform (5) lacks one-aa near the C-terminus, compared to isoform 1.</p>