

Product datasheet for **SC308623**

ZC3H14 (NM_207661) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H14 (NM_207661) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3H14
Synonyms:	MRT56; MSUT-2; NY-REN-37; SUT2; UKp68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC308623 representing NM_207661.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGTGATGGTGGCCAACAAGAAAAGTCAGGACCAAATGACAGAGGATCTGTCCCTGTTTCTAGGGAAC
AACACAATTCGATTCACCGTATGGCTTCATGGTGATTAGATAAACTTCGCTCTGTTACAACCTGAACCC
TCTAGTCTGAAGCTTCTGATACCAACATCTTTGATAGTAACGTGCCTTCAAACAAGAGCAATTCAGT
CGGGGAGATGAGAGGAGGCATGAAGCTGCAGTGCCACCCTTGCCATTCTAGCGCGAGACCTGAAAAA
AGAGATCCAGAGTTTCTACAAGTTCGCAGGAGTCAAAAACCACAAATGTCAGACAGACTTACGATGAT
GGAGCTGCAACCCGACTAATGTCAACAGTGAAACCTTTGAGGGAGCCAGCACCCCTCTGAAGATGTGATT
GATATTAAGCCAGAACCAGATGATCTCATTGACGAAGACCTCACTTTGTGCAGGAGAATCCCTTATCT
CAGAAAAACCTACAGTGACACTTACATATGGTCTTCTCGCCCTTCTATTGAAATTTATCGACCACCT
GCAAGTAGAAATGCAGATAGTGGTGTTCATTTAAACAGGTTGCAATTTCAACAGCAGCAGAATAGTATT
CATGCTGCCAAGCAGCTTGATATGCAGAGTAGTTGGGTATATGAAACAGGACGTTTGTGTGAACCAGAG
GTGCTTAACAGCTTAGAAGAAACGTATAGTCCGTTCTTTAGAAACAACCTGGAGAAAAATGAGTATGGAG
GATGAAAACCTTTCGGAAGAGAAAGTTGCCTGTGGTAAGTTCAGTTGTTAAAGTAAAAAATTCATCAT
GATGGAGAAGAGGAGGAAGAAGATGATGATTACGGGTCTCGAACAGGAAGCATCTCCAGCAGTGTGTCT
GTGCCTGCAAAGCCTGAAAGGAGACCTTCTCTCCACCTTCTAAACAAGCTAACAAAGATCTGATTTTG
AAGGCTATATCTGAAGCTCAAGAATCCGTAACAAAAACAATACTACTCTACAGTTCACAGAAACAG
ACACTTCCAGTTGCTCCCAGAACTCGAACTTCTCAAGAAGAATTGCTAGCAGAAGTGGTCCAGGGACAA
AGTAGGACCCCGAGAATAAGTCCCCCATTAAAGAAGAGGAAACAAAAGGAGATTCTGTAGAAAAAAT
CAAGGAACCTCAACAGAGGCAATTATTATCCCGACTGCAAAATCGACCCAGTAATGGCAGAAACTGCGAG
ATGAGTCAAGCTGAGATGAGTGAAGTGAAGTGTGGCACAGAAACCAGAAAAACTTTTGAGCGCTGCAAG
TACTGGCCTGCTTGTAAAAATGGGGATGAGTGTGCCTACCATCACCCATCTCACCTGCAAAGCCTTC
CCCAATTGTAAATTTGCTGAAAAATGTTTGTGTTTACCCCAAATGTAAATATGATGCAAAGTGTACT
AAACCAGATTGTCCCTTCACTCATGTGAGTAGAAGAATCCAGTACTGTCTCCAAAACCAGCAGTTGCA
CCACCAGCACCTTCCAGTAGTCAGCTCTGCCGTTACTTCCCTGCTTGAAGAAGATGGAATGTCCC
TTCTATCATCCAAACATTGTAGGTTTAACTCAATGTACAAGACCGGACTGCACATTCTACCATCCC
ACCATTAATGTCCACCACGACATGCCTTGAATGGATTGACCTCAAACCAGCGAATAG
ACGGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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- Restriction Sites:** SgfI-MluI
- Plasmid Map:** □
- ACCN:** NM_207661
- Insert Size:** 1716 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).
- 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:

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_207661.2](#)

RefSeq Size: 3663 bp

RefSeq ORF: 1716 bp

Locus ID: 79882

UniProt ID: [Q6PJT7](#)

Cytogenetics: 14q31.3

MW: 64.5 kDa

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 (3) represents use of an alternate promoter, uses a downstream start codon, and lacks two alternate exons in the central coding region, compared to variant 1. The resulting isoform (3) has a shorter N-terminus and lacks an internal segment, compared to isoform 1.