

Product datasheet for **SC308622**

ZC3H14 (NM_207660) Human Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | ZC3H14 (NM_207660) 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: >SC308622 representing NM_207660.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGAGATCGGCACCGAGATCAGCCGCAAGATCCGGAGTGCCATTAAGGGGAAATTACAAGAATTAGGA
GCTTATGTTGATGAAGAACTTCCTGATTACATTATGGTGATGGTGCCAACAAGAAAAGTCAGGACCAA
ATGACAGAGGATCTGTCCCTGTTTCTAGGGAACAACAATTTCGATTCACCGTATGGCTTCATGGTGTA
TTAGATAAACTTCGCTCTGTTACAACCTGAACCCTCTAGTCTGAAGTCTTCTGATACCAACATCTTTGAT
AGTAACGTGCCTTCAAACAAGAGCAATTCAGTCGGGGAGATGAGAGGAGGCATGAAGCTGCAGTGCCA
CCACTTGCCATTCTAGCGCGAGACCTGAAAAAGAGATTCCAGAGTTTCTACAAGTTCGCAGGAGTCA
AAAACCACAAATGTCAGACAGACTTACGATGATGGAGCTGCAACCCGACTAATGTCAACAGTGAAACCT
TTGAGGGAGCCAGCACCTCTGAAGATGTGATTGATATTAAGCCAGAACCAGATGATCTCATTGACGAA
GACCTCAACTTTGTGACGAGAAATCCCTTATCTCAGAAAAACCTACAGTGACACTTACATATGGTTCT
TCTCGCCCTTCTATTGAAATTTATCGACCCTGCAAGTAGAAAATGCAGATAGTGGTGTTCAATTTAAC
AGGTTGCAATTTCAACAGCAGCAGAATAGTATTTCATGCTGCCAAGCAGCTTGATATGCAGAGTAGTTGG
GTATATGAAACAGGACGTTTGTGTGAACAGAGGTGCTTAACAGCTTAGAAGAAACGTATAGTCCGTTT
TTAGAAAACAACTCGGAGAAAAAGAGTATGGAGGATGAAAACCTTCGGAAGAGAAAGTTGCCTGTGGTA
AGTTTCAGTTGTTAAAGTAAAAAATTCATCATGATGGAGAAGAGGAGGAAGAAGATGATGATTACGGG
TCTCGAACAGGAAGCATCTCCAGCAGTGTGTCTGTGCCTGCAAAGCCTGAAAGGAGACCTTCTCTCCA
CCTTCTAAACAAGCTAACAGAATCTGATTTTGAAGGCTATATCTGAAGCTCAAGATCCGTAACAAAA
ACAACAACTACTCTACAGTCCACAGAAACAGACACTCCAGTTGCTCCAGAACTCGAATTTCTCAA
GAAGAATTGCTAGCAGAAGTGGTCCAGGGACAAAGTAGGACCCCAAGATAGTCCCAAGTAAAGAA
GAGGAAAACAAAAGGAGATTCTGTAGAAAAAATCAAGCTGAGATGAGTGAAGTGTGGCACAGAAA
CCAGAAAAAATTTTGGAGCGCTGCAAGTACTGGCCTGCTTGTAATAATGGGGATGAGTGTGCCTACCAT
CACCCCATCTCACCTGCAAAGCCTTCCCAATTGTAATTTGCTGAAAAATGTTTGTGTTTCCACCA
AATTGTAAATATGATGCAAAGTGTACTAAACCAGATTGTCCTTCACTCATGTGAGTAGAAGAATTTCCA
GTACTGTCTCAAACCAGTTGCACCACCAGCACCTTCCAGTAGTCAGCTCTGCCGTTACTTCCCT
GCTTGTAAGAAGATGGAATGTCCCTTCTATCATCCAAAACATTGTAGGTTTAACTCAATGTACAAGA
CCGGACTGCACATTCTACCATCCCACCATAATGTCCACCACGACATGCCTTGAATGGATTGCACCT
CAAACCAGCGAATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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- Restriction Sites:** SgfI-MluI
- Plasmid Map:** □
- ACCN:** NM_207660
- Insert Size:** 1740 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_207660.3](#)

RefSeq Size: 3737 bp

RefSeq ORF: 1740 bp

Locus ID: 79882

UniProt ID: [Q6PJT7](#)

Cytogenetics: 14q31.3

MW: 65.4 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 (2) lacks three alternate exons in the central coding region and uses an alternate splice site in the 3' coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment and one-aa near the C-terminus, compared to isoform 1.