

Product datasheet for **SC308624**

ZC3H14 (NM_207662) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H14 (NM_207662) 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)
Fully Sequenced ORF:	>SC308624 representing NM_207662. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGAATGTCTTCAAAGTTTCCATCACCACTCTACCAATTTTCTTCCACCGGAGCCAGTGGACTTA
GGTTCCATAACAAGCTCCTCTTGTTCAGTGAATGAGCTAGACAATATTTCCACCTTTTAAGGAAAATA
TCAGCTGATATCAATGAAATTAAGGAATGAAAGCAGCTATTTTGACAGTGAAGCAAATCTTTTGTAT
CTAAATGTTAGAGTGTCCAAGAATGAAGCAAAATTTTCATCTTTGGAGGTTAAAAATGAATGAATTTCA
ACAACATATGAATGCAACAGACAGTTTGAAGATCAAGAAGAAGATACTGAATCACAGTCAAGAACTACT
GATGTAAAAATAATCGGCTTCTTAGAAACGTTGAGAAAGGAACCAACAGAGGCAATTATTATCCCGA
CTGCAATCGACCCAGTAATGGCAGAACTCTGCAGATGAGTCAAGCTGAGATGAGTGAAGTGAAGTGTG
GCACAGAAACCAGAAAACTTTTGGAGCGCTGCAAGTACTGGCCTGCTTGTAAAAATGGGGATGAGTGT
GCCTACCATCACCCATCTCACCTGCAAAGCCTTCCCAATTGTAAATTTGCTGAAAAATGTTTGT
GTTCCACCAAAATGTAATATGATGCAAAGTGTACTAAACCAGATTGTCCTTCACTCATGTGAGTAGA
AGAATTCAGTACTGTCTCCAAAACAGTTGCACCACCAGCACCCTCCAGTAGTCAGCTCTGCCGT
TACTTCCCTGCTTGTAAGAAGATGGAATGTCCTTCTATCATCCAAAACATTGTAGGTTTAACTCAA
TGTACAAGACCGGACTGCACATTCTACCATCCACCATTAAATGTCCACCACGACATGCCTTGAATGG
ATTCGACCTCAAACCGCAA TAG
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_207662



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Insert Size:	921 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:	<ol style="list-style-type: none">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_207662.3
RefSeq Size:	3034 bp
RefSeq ORF:	921 bp
Locus ID:	79882
UniProt ID:	Q6PJT7
Cytogenetics:	14q31.3
MW:	34.9 kDa
Gene Summary:	<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 (4) represents use of an alternate promoter, lacks two 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 (4) has a shorter and distinct N-terminus, and lacks an internal segment and one-aa near the C-terminus, compared to isoform 1.</p>