

Product datasheet for **RC214203**

ZC3H14 (NM_207660) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H14 (NM_207660) Human Tagged ORF Clone
Tag:	Myc-DDK
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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ORF Nucleotide Sequence:

>RC214203 representing NM_207660
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATCGGCACCGAGATCAGCCGAAGATCCGGAGTGCCATTAAGGGGAAATTACAAGAATTAGGAG
 CTTATGTTGATGAAGAACTTCTGATTACATTATGGTGATGGTGGCCAACAAGAAAAGTCAGGACCAAA
 GACAGAGGATCTGTCCCTGTTTCTAGGGAAACAACAATTTCGATTCACCGTATGGCTTCATGGTGTATTA
 GATAAACTTCGCTCTGTTACAACGAACCTCTAGTCTGAAGTCTTCTGATACCAACATCTTTGATAGTA
 ACGTGCCTTCAAACAAGAGCAATTTTCAGTCGGGGAGATGAGAGGAGGCATGAAGCTGCAGTGCCACCACT
 TGCCATTCCTAGCGCGAGACCTGAAAAAGAGATTCCAGAGTTTCTACAAGTTCGCAGGAGTCAAAAACC
 ACAAATGTCAGACAGACTTACGATGATGGAGCTGCAACCCGACTAATGTCAACAGTGAAACCTTTGAGGG
 AGCCAGCACCCCTCTGAAGATGTGATTGATTAAGCCAGAACCAGATGATCTCATTGACGAAGACCTCAA
 CTTTGTGCAGGAGAATCCCTTATCTCAGAAAAACCTACAGTGACTTACATATGGTTCTCTCGCCCT
 TCTATTGAAATTTATCGACCACCTGCAAGTAGAAATGCAGATAGTGGTGTTCATTTAAACAGGTTGCAAT
 TTCAACAGCAGCAGAATAGTATTCATGCTGCCAAGCAGCTTGATATGCAGAGTAGTTGGGTATATGAAAC
 AGGACGTTTGTGTGAACCAGAGGTGCTTAACAGCTTAGAAGAAACGTATAGTCCGTTCTTTGAAACAAC
 TCGGAGAAAAATGAGTATGGAGGATGAAAACCTTCGGAAGAGAAAGTTGCCTGTGGTAAGTTCAGTTGTTA
 AAGTAAAAAATCAATCATGATGGAGAAGAGGAGGAAGAAGATGATGATTACGGGTCTCGAACAGGAAG
 CATCTCCAGCAGTGTGTCTGTGCCTGCAAAGCCTGAAAGGAGACCTTCTCTCCACCTTCTAAACAAGCT
 AACAAGAATCTGATTTTGAAGGCTATATCTGAAGCTCAAGAATCCGTAACAAAAACAACCTAACTACTCTA
 CAGTTCACAGAAAACAGACACTTCCAGTTGCTCCAGAACTCGAAGTCTCAAGAAGAATTCGTAGCAGA
 AGTGGTCCAGGGACAAAGTAGGACCCCAAGTAAAGTCCCCCATTAAGAAGAGGAAACAAAAGGAGAT
 TCTGTAGAAAAAATCAAGCTGAGATGAGTGAAGTGTGGCAGAAAACAGAAAAACTTTTGGAGC
 GCTGCAAGTACTGGCCTGCTTGTAAAAATGGGGATGAGTGTGCCTACCATCACCCCATCTCACCTGCAA
 AGCCTTCCCAATTGTAAATTTGCTGAAAAATGTTTGTGTTCCACCAATTGTAAATATGATGCAAAAG
 TGTAATAACCAGATTGTCCTTCACTCATGTGAGTAGAAGAATCCAGTACTGTCTCCAAAACAGTTG
 CACCACCAGCACCTTCCAGTAGTCAGCTCTGCCGTTACTTCCCTGCTTGAAGAAGATGGAATGTCC
 CTTCTATCATCCAAAACATTGTAGGTTTAACTCAATGTACAAGACCGGACTGCACATTCTACCATCCC
 ACCATTAATGTCCACCACGACATGCCTTGAAATGGATTGACCTCAAACAGCGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214203 representing NM_207660
 Red=Cloning site Green=Tags(s)

MEIGTEISRKIRSAIKGKLQELGAYVDEELPDYIMVMVANKKSQDQMTEDLSLFLGNNTIRFTVWLHGVL
 DKLRVSTTEPSSLKSSDTNIFDSNVPSNKSNSFRGDERRHEAAVPLAIPSARPEKRDSRVSTSSQESKT
 TNVRQTYDDGAATRLMSTVKPLREPAPSEDVIDIKPEPDDLIDEDLNFVQENPLSQKKPTVTLTYGSSRP
 SIEIYRPPASRNADSGVHLNRLQFQQQNSIHAAKQLDMQSSWVYETGRLCEPEVLNSLEETYSPFFRNN
 SEKMSMEDENFRKRKLPVVSSVVKVKKFNHDGEEEEEDDDYGSRTGSISSSVSPAKPERRPSLPPSKQA
 NKNLILKAISEAQESVTKTNYSTVPQKQTLPVAPRTRTSQEELLAEVVQGQSRTPRISPPIKEEETKGD
 SVEKNQAEMSELVAQKPEKLLERCKYWPCKNGDECAHYHPI SPCKAFPNCCKFAEKCLFVHPNCKYDAK
 CTKPDCPFTHVSRRI PVLSPKPVAPPAPSSSQLCRYFPACKKMECFYHPKHCRFNTQCTRPDCTFYHP
 TINVPPRHALKWIRPQTSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8068_b06.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_207660

ORF Size: 1737 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_207660.4](#)

RefSeq Size: 3676 bp

RefSeq ORF: 1740 bp

Locus ID: 79882

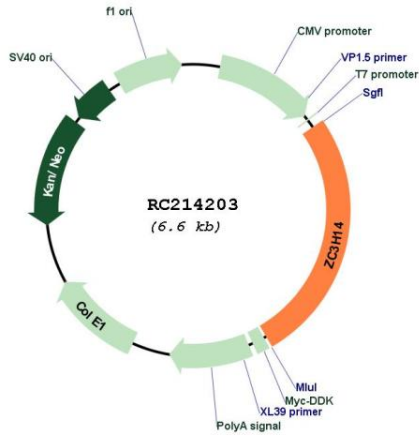
UniProt ID: [Q6PJT7](#)

Cytogenetics: 14q31.3

MW: 65.2 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]

Product images:



Circular map for RC214203