

Product datasheet for **RG212039**

ZC3H14 (NM_207662) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZC3H14 (NM_207662) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ZC3H14
Synonyms: MRT56; MSUT-2; NY-REN-37; SUT2; UKp68
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG212039 representing NM_207662
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGAATGTCTTCAAAGTTTCCATCACCACCTCTACCAATTTTCTTCCACGGAGCCAGTGGACTTAG
 GTTCCATAACAAGCTCCTCTTGTCTACTGAATGAGCTAGACAATATTTCCACCTTTTAAGGAAAATATC
 AGCTGATATCAATGAAATTAAGGAATGAAAGCAGCTATTTTGACAGTGGAAAGCAATCTTTTTGATCTA
 AATGTTAGAGTGTCCAAGAATGAAGCAAAAATTCATCTTTGGAGGTTAAATGAATGAATATTTCAACAA
 CATATGAATGCAACAGACAGTTTGAAGATCAAGAAGAAGATACTGAATCACAGTCAAGAACTACTGATGT
 AAAAATAATCGGCTTCCTTAGAAACGTTGAGAAAGGAACCAACAGAGGCAATTATTATCCCGACTGCAA
 ATCGACCCAGTAATGGCAGAAACTCTGCAGATGAGTCAAGCTGAGATGAGTGAAGTGAAGTGTGGCACAGA
 AACCAGAAAACTTTTGGAGCGCTGCAAGTACTGGCCTGCTTGTAAAAATGGGGATGAGTGTGCCTACCA
 TCACCCCATCTCACCTGCAAAGCCTTCCCAATTGTAATTTGCTGAAAAATGTTTGTGTTTACCCCA
 AATTGTAATATGATGCAAAGTGTACTAAACCAGATTGTCCCTTCACTCATGTGAGTAGAAGAATTCCAG
 TACTGTCTCCAAAACAGTTGCACCACCAGCACCTTCCAGTAGTCAGCTCTGCCGTTACTTCCCTGC
 TTGTAAGAAGATGGAATGTCCCTTCTATCATCCAAAACATTGTAGGTTTAACTCAATGTACAAGACCG
 GACTGCACATTCTACCATCCCACCATTAATGTCCACCACGACATGCCTTGAATGGATTGACCTCAAA
 CCAGCGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG212039 representing NM_207662
 Red=Cloning site Green=Tags(s)

MRMSSKFPSPPLPIFLPPEPVDLGSITSSSSCSLNELDNISHLRKRISADINEIKGMKAAILTVEANLFDL
 NVRVSKNEAKISSLEVKMNEYSTTYECNRQFEDQEEDTESQSRTTDVKIIGFLRNVEKGTQQRQLLSRLQ
 IDPVMMAETLQMSQAEMSEL SVAQKPEKLLERCKYWPCKNGDECA YHHPISPCKAFPNCKFAEKCLFVHP
 NCKYDAKCTKPCPFTHVSRRI PVLSPKPVAPPAPPSSSQLCRYFPACKKMECPFYHPKHC RFNTQCTRP
 DCTFYHPTINVPPRHALKWIRPQTSE

TRTRPLE - GFP Tag - V

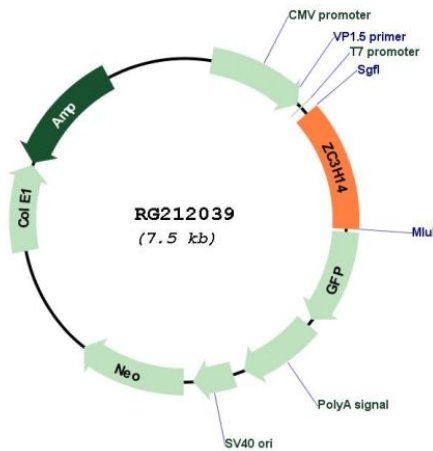
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_207662

ORF Size: 918 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:	<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_207662.4
RefSeq Size:	3018 bp
RefSeq ORF:	921 bp
Locus ID:	79882
UniProt ID:	Q6PJT7
Cytogenetics:	14q31.3
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]