

Product datasheet for **RG208652**

ZCCHC17 (NM_016505) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZCCHC17 (NM_016505) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZCCHC17
Synonyms:	HSPC251; pNO40; PS1D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208652 representing NM_016505 Red =Cloning site Blue =ORF Green =Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGAATTCAGGAAGGCCTGAGACCATGGAAAACCTGCCTGCTCTTACACTATTTTCCAAGGAGAGGTTG
 CTATGGTGACAGACTATGGGGCCTTTATCAAAATCCCAGGCTGTCGGAAGCAAGGTCTGGTCCATCGAAC
 TCATATGTCATCCTGTCGGGTGGATAAGCCCTCTGAGATAGTAGATGTTGGAGATAAAGTGTGGTGAAG
 CTTATTGGCCGAGAGATGAAAAATGATAGAATAAAAGTATCCCTCTCCATGAAGTTGTCAATCAAGGGA
 CTGGGAAAGACCTTGATCCCAACAATGTTATCATTGAGCAAGAAGAGAGCGGAGGCGATCCTTCCAGGA
 TTACACTGGGCAGAAGATCACCTTGAGGCTGTCTTGAACACTACCTGCAAGAAGTGTGGCTGTAAAGGC
 CACTTTGCAAAAGATTGTTTCATGCAACCAGGTGGGACTAAATACTCTCTGATACCTGATGAGGAAGAGG
 AAAAGGAAGAGGCAAGTCAGCAGAGTTTGAGAAGCCTGACCCTACAAGGAATCCTTCTAGAAAAAGAAA
 GAAGGAGAAGAAGAAAAAGAAACATAGAGATAGGAAGTCATCTGACTCTGACAGCTCAGACTCTGAGAGT
 GATACAGGCAAGAGGGCAAGGCACACATCAAAAGACAGCAAGGCAGCAAGAAGAAGAAAAAGAAGAAGA
 AGCACAAGAAGAAGCACAAGGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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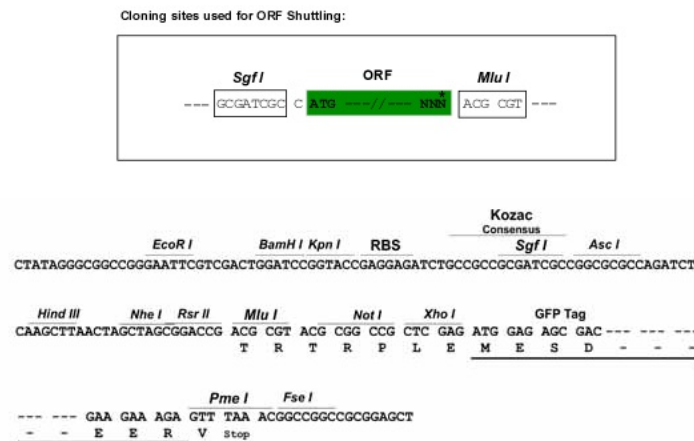
Protein Sequence: >RG208652 representing NM_016505
 Red=Cloning site Green=Tags(s)

MNSGRPETMENLPALYTIQGEVAMVTDYGAFIKIPGCRKQGLVHRTHMSSCRVDKPSEIVDVGDKVWVK
 LIGREMKNDRIKVSLSMKVVNQGTGKDLDPNNVIEQEERRRRSFQDYGQKITLEAVLNTTCKKCGCKG
 HFAKDCFMQPGGTKYSLIPDEEEEEKEAKSAFEKPDPTRNPSRKRKKEKKKKKHKRDKSSDSDSDSDSES
 DTGKRARHTSKDSKAAKKKKKKKKKKKKHKE

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016505

ORF Size: 723 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_016505.4](#)

RefSeq Size: 1602 bp

RefSeq ORF: 726 bp

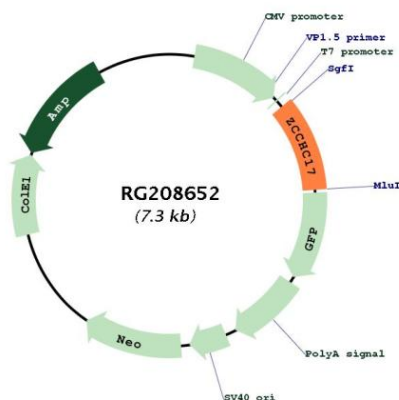
Locus ID: 51538

UniProt ID: [Q9NP64](#)

Cytogenetics: 1p35.2

Domains: zf-CCHC, S1

Product images:



Circular map for RG208652