

## Product datasheet for **RG238817**

### ZCCHC7 (NM\_001289119) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZCCHC7 (NM_001289119) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZCCHC7
Synonyms:	AIR1; HSPC086
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG238817 representing NM\_001289119.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTTTGGTGGCTATGAGACTATAGAAGCATACGAAGATGATCTTTATCGAGATGAGTCATCTAGTGAA
CTGAGTGTGATAGTGAGGTGGAATTTCAACTCTATAGCCAAATTCATTATGCCCAAGATCTTGATGAT
GTCATCAGGGAGGAAGAGCATGAAGAAAAGAACTCTGGGAATTCGGAATCTTCGAGTAGTAAACCAAT
CAGAAGAAGCTAATCGTCCTTTTCAGATAGTGAGGTCATCCAGCTGTCAGATGGGTGAGAGGTCATCACT
TTGTCTGATGAAGACAGTATTTATAGATGTAAGGAAAGAATGTTAGAGTTCAAGCACAAGAAAATGCC
CATGGTCTTTCTTCTTCTTCAATCTAATGAGCTGGTTGATAAGAAATGCAAGAGTGATATTGAGAAG
CCTAAATCTGAAGAGAGATCAGGTGTAATCCGAGAGGTCATGATTATAGAGGTCAGTTCAAGTGAAGAG
GAAGAGAGCACCATTTTCAGAAGGTGATAATGTGGAAGCTGGATGCTACTGGGATGTGAAGTAGATGAT
AAAGATGATGATCCTTCTCAACCTTGTGGGATGTGAAAACCTGTTACTGAAGGAGAAGATGGTATA
AACTGGTCCATCAGTGACAAAGACATTGAGGCCAGATAGCTAATAACCGAACACCTGGAAGATGGACC
CAGCGGTACTATTCAGCCAAACAAAACATTATCTGTAGAAATGTGACAAACGTGGTCATTTATCAAAA
AACTGCCCTTACCACGAAAAGTTCGTGCTGCTTCTGTGCTCCAGGAGAGGACATCTCCTGTATTCC
TGTCCAGCCCCCTTTGCGAATACTGTCCTGTGCCTAAGATGTTGGACCACTCATGTCTTTTCAGACAT
TCCTGGGATAAACAGTGTGACCGATGTCATATGCTAGGCCACTATACAGATGCTTGACAGAAAATCTGG
AGGCAGTATCACCTAACGACCAACCTGGACCACCCAAAAGCCGAAGACCCCTTCAAGACCATCAGCC
TTAGCATATTGCTATCACTGCGCGCAAAAAGGCCATTATGGACACGAATGCCAGAAAGAGAAGTGAT
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AGTTTTAAACCCAGAAGCCTTCTAAGCCCTTTCACCGTTCATCACATTACCACACGTCAAGAGAAGAC
AAGTCTCCAAGGAAGGCAAGAGGGCAAGCAGAAGAAAAGGAGAGGTGCTGGGAAGATGATGACAAT
GATAACTATTTCTTATTAAGCAGAGAAAAAAAAGTCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
```

**Protein Sequence:**

>Peptide sequence encoded by RG238817  
 Blue=ORF Red=Cloning site Green=Tag(s)

```

MFGGYETIEAYEDDLYRDESSSELVDSEVEFQLYSQIHYAQLDDVIREEEHEEKNSGNSSESSSKPN
QKKLIVLSDSEVIQLSDGSEVITLSDEDSIYRCKGKNVRVQAQENAHGLSSSLQSNELVDKCKSDIEK
PKSEERSGVIREVMIIEVSSSEEEESTISEGDNVESWMLLGCVEVDDKDDILLNLVGCENSVTEGEDGI
NWSISDKDIEAQIANNRTPGRWTQRYYSANKNIIICRNCDKRGHLSKNCPLPRKVRRCFLCSRRGHLLYS
CPAPLCEYCPVPKMLDHSLFRHSWDKQCDRCHMLGHYTDACTEIWRQYHLTTKPGPPKPKTPSRPSA
LAYCYHCAQKGHYGHECPEREVYDPSVSPFICYDDKYEIQEREKRLKQIKVLKKNV IPEPSKLPY
IKAANENPHHDIRKGRASWKSNRWPQENKETQKEMKNKRNWEKHRKADRHRVDEDFPRGPKTYSSPG
SFKTQKPSKPFHRSSHYHTSREDKSPKEGKRGKQKKKERCWEDDDNDNLFLIKQRKKKS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYYSSVVD SHMHFKSAIHPSILQNGGPMFA
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```

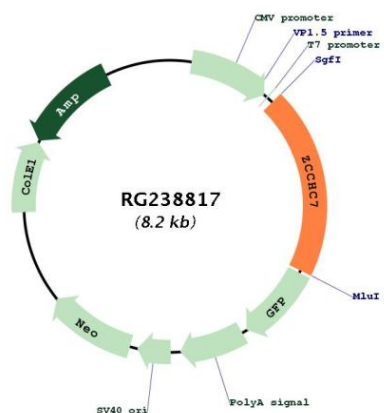
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


- ACCN:** NM\_001289119
- ORF Size:** 1626 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).
- RefSeq:** [NM\\_001289119.1](#), [NP\\_001276048.1](#)
- RefSeq Size:** 2705 bp
- RefSeq ORF:** 1632 bp
- Locus ID:** 84186
- UniProt ID:** [Q8N3Z6](#)
- Cytogenetics:** 9p13.2
- Protein Pathways:** RNA degradation
- MW:** 62.9 kDa

Product images:



Circular map for RG238817