

Product datasheet for **RG238818**

ZCCHC7 (NM_001289120) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZCCHC7 (NM_001289120) 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:

>RG238818 representing NM_001289120.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTTTGGTGGCTATGAGACTATAGAAGCATACGAAGATGATCTTTATCGAGATGAGTCATCTAGTGAA
CTGAGTGTGATAGTGAGGTGGAATTTCAACTCTATAGCCAAATTCATTATGCCAAGATCTTGATGAT
GTCATCAGGGAGGAAGAGCATGAAGAAAAGAACTCTGGGAATTCGGAATCTTCGAGTAGTAAACCAAT
CAGAAGAAGCTAATCGTCTTTTCAGATAGTGAGGTCATCCAGCTGTCAGATGGGTGAGAGGTCATCACT
TTGTCTGATGAAGACAGTATTTATAGATGTAAGGAAAGAATGTTAGAGTTCAAGCACAAGAAAATGCC
CATGGTCTTTCTTCTTCTTCAATCTAATGAGCTGGTTGATAAGAAATGCAAGAGTGATTTGAGAAG
CCTAAATCTGAAGAGAGATCAGGTGTAATCCGAGAGGTCATGATTATAGAGGTCAGTTCAAGTGAAGAG
GAAGAGAGCACCATTTTCAGAAGGTGATAATGTGGAAAGCTGGATGCTACTGGGATGTGAAGTAGATGAT
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AACTGGTCCATCAGTGACAAAGACATTGAGGCCAGATAGCTAATAACCGAACACCTGGAAGATGGACC
CAGCGGTACTATTCAGCCAAACAAAACATTATCTGTAGAAATTTGACAACCTGGTTCATTTATCAAAA
AACTGCCCTTACCACGAAAAGTTCGTGCTGCTTCTGTGCTCCAGGAGAGGACATCTCCTGTATTCC
TGTCCAGCCCCCTTTGCGAATACTGTCCTGTGCCTAAGATGTTGGACCACTCATGTCTTTTCAGACAT
TCCTGGGATAAACAGTGTGACCGATGTCATATGCTAGGCCACTATACAGATGCTTGACAGAAAATCTGG
AGGCAGTATCACCTAACGACCAACCTGGACCACCCAAAAGCCGAAGACCCCTTCAAGACCATCAGCC
TTAGCATATTGCTATCACTGCGCGCAAAAAGGCCATTATGGACACGAATGCCAGAAAGAGAAGTGAT
GACCCGTCTCCAGTATCTCCATTCATCTGCTACTATGATGACAAATATGAAATTCAGGAGAGAGAAAAG
AGCTAAAACAAAAAATAAAAGTACTCAAGAAAAATGGGGTTATCCCAGAGCCATCCAAGTACCTTAT
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AAGGCTGACAGACATCGTGAAGTGGATGAGGATTTTCCAGGGGCCCAAAACCTACTCTTCTCCTGGC
AGTTTTAAACCCAGAAGCCTTCTAAGCCCTTTCACCGTTCATCACATTACCACACGTCAAGAGAAGAC
AAGTCTCCAAGGAAGGCAAGAGGGCAAGCAGAAGAAAAGGAGAGGTGCTGGGAAGATGATGACAAT
GATAACTATTTCTTATTAAGCAGAGAAAAAAAAGTCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
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Protein Sequence:

>Peptide sequence encoded by RG238818
 Blue=ORF Red=Cloning site Green=Tag(s)

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MFGGYETIEAYEDDLYRDESSSELVDSEVEFQLYSQIHYAQDLDDVIREEEHEEKNSGNSSESSSKPN
QKKLIVLSDSEVIQLSDGSEVITLSDEDSIYRCKGKNVRVQAQENAHGLSSSLQSNELVDKCKSDIEK
PKSEERSGVIREVMIIEVSSSEEEESTISEGDNVESWMLLGCVEVDDKDDILLNLVGCENSVTEGEDGI
NWSISDKDIEAQIANNRTPGRWTQRYYSANKNIIICRNCDKRGHLSKNCPLPRKVRRCFLCSRRGHLLYS
CPAPLCEYCPVPKMLDHSCLEFRHSWDKQCDRCHMLGHYTDACTEIWRQYHLTTKPGPPKPKTPSRPSA
LAYCYHCAQKGHYGHECPEREVYDPSVSPFICYDDKYEIQEREKRLKQIKVLKKNVIPLEPSKLPY
IKAANENPHHDIRKGRASWKSNRWPQENKETQKEMKNKRNWEKHRKADRHRVEDDFPRGPKTYSSPG
SFKTQKPSKPFHRSSHYHTSREDKSPKEGKRGKQKKKERCWEDDDNDNLFLIKQRKKKS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFLSLRDGGYYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
  
```

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001289120

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_001289120.1](#), [NP_001276049.1](#)

RefSeq Size: 2728 bp

RefSeq ORF: 1632 bp

Locus ID: 84186

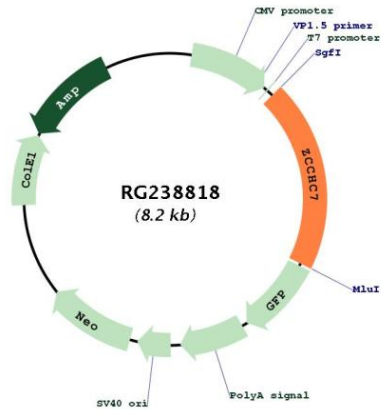
UniProt ID: [Q8N3Z6](#)

Cytogenetics: 9p13.2

Protein Pathways: RNA degradation

MW: 62.9 kDa

Product images:



Circular map for RG238818