

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)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGTTTGGTGGCTATGAGACTATAGAAGCATACGAAGATGATCTTTATCGAGATGAGTCATCTAGTGAA
CTGAGTGTGATAGTGAGGTGGAATTTCAACTCTATAGCCAAATTCATTATGCCCAAGATCTTGATGAT
GTCATCAGGGAGGAAGAGCATGAAGAAAAGAACTCTGGGAATTCGGAATCTTCGAGTAGTAAACCAAT
CAGAAGAAGCTAATCGTCCTTTTCAGATAGTGAGGTCATCCAGCTGTCAGATGGGTGAGAGGTCATCACT
TTGTCTGATGAAGACAGTATTTATAGATGTAAGGAAAGAATGTTAGAGTTCAAGCACAAGAAAATGCC
CATGGTCTTTCTTCTTCTTCAATCTAATGAGCTGGTTGATAAGAAATGCAAGAGTGATATTGAGAAG
CCTAAATCTGAAGAGAGATCAGGTGTAATCCGAGAGGTCATGATTATAGAGGTCAGTTCAAGTGAAGAG
GAAGAGAGCACCATTTTCAGAAGGTGATAATGTGGAAAGCTGGATGCTACTGGGATGTGAAGTAGATGAT
AAAGATGATGATCCTTCTCAACCTTGTGGGATGTGAAAACCTGTTACTGAAGGAGAAGATGGTATA
AACTGGTCCATCAGTGACAAAGACATTGAGGCCAGATAGCTAATAACCGAACACCTGGAAGATGGACC
CAGCGGTACTATTCAGCCAAACAAAACATTATCTGTAGAAATTTGACAACCTGGTTCATTTATCAAAA
AACTGCCCTTACCACGAAAAGTTCGTGCTGCTTCTGTGCTCCAGGAGAGGACATCTCCTGTATTCC
TGTCCAGCCCCCTTTGCGAATACTGTCCTGTGCCTAAGATGTTGGACCACTCATGTCTTTTCAGACAT
TCCTGGGATAAACAGTGTGACCGATGTCATATGCTAGGCCACTATACAGATGCTTGACAGAAAATCTGG
AGGCAGTATCACCTAACGACCAACCTGGACCACCCAAAAGCCGAAGACCCCTTCAAGACCATCAGCC
TTAGCATATTGCTATCACTGCGCGCAAAAAGGCCATTATGGACACGAATGCCAGAAAGAGAAGTGAT
GACCCGTCTCCAGTATCTCCATTCATCTGCTACTATGATGACAAATATGAAATTCAGGAGAGAGAAAAG
AGACTAAAACAAAAAATAAAAGTACTCAAGAAAAATGGGGTTATCCCAGAGCCATCCAAGTACCTTAT
ATAAAAGCAGCAAAATGAGAACCCCAACCATGATATAAGGAAGGGCCGTGCCTCATGGAAAAGCAACAGG
TGGCCTCAAGAAAATAAAGAAACACAAAAGAAAATGAAGAACAAGAATAGAAACTGGGAGAGCACAGG
AAGGCTGACAGACATCGTGAAGTGGATGAGGATTTTCCAGGGGCCCAAAACCTACTCTTCTCCTGGC
AGTTTTAAACCCAGAAGCCTTCTAAGCCCTTTCACCGTTCATCACATTACCACACGTCAAGAGAAGAC
AAGTCTCCAAGGAAGGCAAGAGGGCAAGCAGAAGAAAAGGAGAGGTGCTGGGAAGATGATGACAAT
GATAACTATTTCTTATTAAGCAGAGAAAAAAAAGTCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
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Protein Sequence:

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

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MFGGYETIEAYEDDLYRDESSSELVDSEVEFQLYSQIHYAQDLDDVIREEEHEEKNSGNSSESSSKPN
QKKLIVLSDSEVIQLSDGSEVITLSDEDSIYRCKGKNVRVQAQENAHGLSSSLQSNELVDKCKSDIEK
PKSEERSGVIREVMIIEVSSSEEEESTISEGDNVESWMLLGCVEVDDKDDILLNLVGCENSVTEGEDGI
NWSISDKDIEAQIANNRTPGRWTQRYYSANKNIIICRNCDKRGHLSKNCPLPRKVRRCFLCSRRGHLLYS
CPAPLCEYCPVPKMLDHSCLEFRHSWDKQCDRCHMLGHYTDACTEIWRQYHLTTKPGPPKPKTPSRPSA
LAYCYHCAQKGHYGHECPEREVYDPSVSPFICYDDKYEIQEREKRLKQIKVLKKNV IPEPSKLPY
IKAANENPHHDIRKGRASWKSNRWPQENKETQKEMKNKRNWEKHRKADRHRVDEDFPRGPKTYSPPG
SFKTQKPSKPFHRSSHYHTSREDKSPKEGKRGKQKKKERCWEDDDNDNLFLIKQRKKKS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
  
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Restriction Sites:

Sgfl-MluI

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