

Product datasheet for **RG219531**

ZNF117 (NM_015852) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF117 (NM_015852) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF117
Synonyms:	H-plk; HPF9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG219531 representing NM_015852
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGAGACATGAGATGGTAGCTAAACATTTAGTTATGTTTTATTATTTTGCCCAACACCTTTGGCCAG
 AGCAGAACATAAGAGATTCTTTCCAGAAAGTGACCCTAAGAAGATATAGAAAATGTGGATATGAGAATTT
 ACAGTTAAGAAAAGGCTGTAAAAGTGTGGTTGAGTGTAACAGCACAAAGGAGATTATAGTGACTTAAC
 CAATGTTTGAAAACCTTTGAGCAAAAATTTCAATGTAATAAATATGTAGAAGTTTTCCATAAAAATTT
 CAAATTCAAATAGACACAAGATGAGACATACTGAAAATAAACATTTTAAATGTAAAGAATGTCGCAAAAC
 ATTTTGCATGCTTTCACACCTAACTCAACATAAAAAGAAATCCAACTAGAGTGAATTTCTACAAATGTGAA
 GCATATGGAAGAGCCTTTAACTGGTCCTCAACCCTTAATAAACATAAGAGAATTCATACTGGAGAAAAAC
 CTTACAAATGTAAAGAATGTGGCAAAGCCTTTAACAGACCTCACACCTTATTAGACATAAGAGAATTC
 TACTGAAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCCTTTAACAGTCACTGACCCCTTACTACA
 CATAATATAATTCATACTGGGAAATTCCTACAAATGTGAGAAATGTGTTAGAGCTTTTAAACCAAGCCT
 CAAAGCTTACTGAACATAAGTTAATTCATACCGGAGAGAAACGTTATGAATGTGAAGAATGCGGCAAGC
 TTTTAAACCGATCCTCAAACTTACTGAACATAAGTACATTCATACTGGAGAGAAGCTGTACAAATGTGAA
 GAATGTGGTAAAGCCTTTAACAGTCTCAACCCTTACTACACATAAGAGAATTCATAGTGGAGAGAAGC
 CCTACAAATGTGAAGAATGTGGCAAAGCCTTTAAACAATTTTCAAATCTTACTGACCATAAAAAAATTC
 TACTGGAGAGAAACCTACAAATGTGAGGAATGTGGCAAAGCCTTTAACCAACTCTAAACCTTACTAGA
 CATAAGGTAATTCATACTGGAGAGAAACCTACAAATGTGAGAGAATCCCAAAATGTAGAGAATCGCAAAGT
 CAGCCCTTAATACACATAAGATAATCCATACTGGAGAGAATCCCAAAATGTAGAGAATCGCAAAGT
 TTTCCACCTATCCTCAAACTTAGTACATGTAAGAAAATTCATACTGGAGAGAAACTCTACAAATGTGAA
 GAATGTGGCAAAGCCTTTAACCGATCTTCAACCCTTATTGGACATAAGAGAATTCATACTGGAGAGAAAC
 CCTACAAATGTGAAGAATGTGGCAAAGCCTTTAACCACTTCAACACTTACTACACATAAGATAATTC
 TACTGAAGAGAAACAGTACAAATGTGATGAATGTGGCAAAGCCTTCTACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG219531 representing NM_015852
 Red=Cloning site Green=Tags(s)

MKRHEMVAKHLVMFYFAQHLWPEQNIRDSFQKVTLRRYRKCGYENLQLRKGCKSVVECKQHKGDYGLN
 QCLKTTLSKIFQCNKYVEVFHKISNSNRHKMRHTENKHFCKEKRKTFMCLSHLQHKRIQTRVNFYKCE
 AYGRAFNWSSTLNKHKRIHTGEKPYKCECGKAFNQTSHLIRHKRIHTEEKPYKCEECGKAFNQSSSTLTT
 HNIHTGEIPYKCEKCVRAFQASKLTEHKL IHTGEKRYECECGKAFNRSSKL TEHKYIHTGEKLYKCE
 ECGKAFNQSSSTLTTHKRIHSGEKPYKCEECGKAFKQFSNLTDHKKIHTGEKPYKCEECGKAFNQLSNLTR
 HKVIHTGEKPYKCECGKAFNQSSALNTHKI IHTGENPHKCRESGKVFHLSKSLSTCKKIHTGEKLYKCE
 ECGKAFNRSSSTLIGHKRIHTGEKPYKCEECGKAFNQSSSTLTTHKI IHTEEKQYKCECGKAST

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_015852

ORF Size: 1449 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.

RefSeq: [NM_015852.4](#)

RefSeq Size: 6404 bp

RefSeq ORF: 1452 bp

Locus ID: 51351

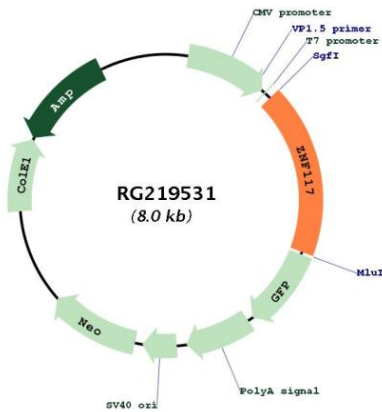
UniProt ID: [Q03924](#)

Cytogenetics: 7q11.21

Domains: zf-C2H2

Gene Summary: This gene encodes a protein containing multiple C2H2-type zinc finger motifs. Readthrough transcription occurs between this gene and the upstream endogenous retrovirus group 3 member 1 (ERV3-1) locus, and may result in additional transcript variants encoding the zinc finger protein. [provided by RefSeq, Jan 2017]

Product images:



Circular map for RG219531