

Product datasheet for **SC114597**

ZNF117 (NM_015852) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF117 (NM_015852) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF117
Synonyms:	H-plk; HPF9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC114597 sequence for NM_015852 edited (data generated by NextGen Sequencing)

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ATGAAGAGACATGAGATGGTAGCTAAACATTTAGTTATGTTTTATTATTTTGCCCAACAC
CTTTGGCCAGAGCAGAACATAAGAGATTCTTCCAGAAAGTGACCCTAAGAAGATATAGA
AAATGTGGATATGAGAATTTACAGTTAAGAAAAGGCTGTAAAAGTGTGGTTGAGTGTAAG
CAGCACAAAGGAGATTATAGTGGACTTAACCAATGTTTGGAAACTACCTTGAGCAAAATA
TTTCAATATAATAAATATGTAGAAGTTTTCCATAAAAATTTCAAATTCAAATAGACACAAG
ATGAGACATACTGAAAATAAACATTTTAAATGTAAACGAATGTCGCAAAAACATTTTGCATG
CTTTCACACCTAACTCAACATAAAAAGAATCCAACTAGAGTGAATTTCTCAAATGTGAA
GCATATGGAAGAGCCTTTAACTGGTCCTCAACCCTTAATAAACATAAGAGAATTCATACT
GGAGAAAAACCTTACAAATGTAAAGAATGTGGCAAAGCCTTTAACAGACCTCACACCTT
ATTAGACATAAGAGAATTCATACTGAAGAGAAACCCTACAAATGTGAAGAATGTGGCAA
GCCTTTAACAGTCATCGACCCTTACTACACATAATATAATTCATACTGGGGAAATTCCT
TACAAATGTGAGAAATGTGTTAGAGCTTTTAAACCAAGCCTCAAAGCTTACTGAACATAAG
TTAATTCATACCGAGAGAAACGTTATGAATGTGAAGAATGCGGCAAAGCTTTTAAACCGA
TCCTCAAAAACCTTACTGAACATAAGTACATTCATACTGGAGAGAAGCTGTACAAATGTGAA
GAATGTGGTAAAGCCTTTAACAGTCCTCAACCCTTACTACACATAAGAGAATTCATAGT
GGAGAGAAGCCCTACAAATGTGAAGAATGTGGCAAAGCTTTTAAACAATTTTCAAATCTT
ACTGACCATAAAAAAATTCATACTGGAGAGAAACCCTACAAATGTGAGGAATGTGGCAA
GCTTTTAAACCACTCTCAAACCTTACTAGACATAAGGTAATTCATACTGGAGAGAAACCC
TACAAATGTGGAGAATGTGGCAAAGCCTTTAACAGTCCTCAGCCCTTAATACACATAAG
ATAATCCATACTGGAGAGAATCCCACAAATGTAGAGAATCTGGCAAAGTTTTCCACCTA
TCCTCAAAAACCTTAGTACATGTAAGAAAATTCATACTGGAGAGAACTCTACAAATGTGAA
GAATGTGGCAAAGCCTTTAACTGATCTTCAACCCTTATTGGACATAAGAGAATTCATACT
GGAGAGAAACCCTACAAATGTGAAGAATGTGGCAAAGCTTTTAAACCAATCTTCAACACTT
ACTACACATAAGATAATTCATACTGAAGAGAAACAGTACAAATGTGATGAATGTGGCAA
GCTTCTACCTGA
    
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Clone variation with respect to NM_015852.3

248 g=>a;336 a=>c;1282 c=>t

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_015852 unedited
GGTCACAAATTGTATACGACTCATATAGGGCGGCCGCGAATTCGCACGAGGAAGCAGAAAT
TAAAAGAAAACAGTAAGGGAAAACAAGTCTTTCTGACCAGTCTGACTCACTCCAAAGT
CCTGCTGGAGCTATGATAATTATCTGCAAGGCCAGGCAGGGGCTCCGAAGGAGTGGGCTC
CAGGAGCAGGGATGAGAAAAACAAGTTCTCCTTATCAGTTTCCCTGTTTGAAATTTCTCTC
CCATAACATTATCTTTGTTCTGCTCTCACAACATTTTTGTAACATTTTCTGCAAGTC
TGTAAGATTTTGTAAGTTCTTGTTTTTCTTTCTGTAGCATGGCAAGGTCACAAGACATG
TTTAAGTAAGGTAGGCTCATGTTGCAAATCCTGTTGTA AAAACCTGTCACGGTATGATTAA
CTGCCCTTGTCTGCTTCTGTAAGACTGCTTTCTCACCTCGCAGGTTTTGCGCAAAAAC
CCGACTTGCCCTGCCTGATGCATGTATAAAAAGTCAAGCCCTGTCTTTGTTCCGGGCTCA
GCCTTTGGATGTTAATCCGCTGGGCCAGTGGCCACCTAAATAAAACCTTCTGTTGCACC
CAGTGATCTCTCCGGCCTCCTGATACCCACAACATATAAGCATTCTTTTTCTCTGCAAC
CTAGCCCGCATCTGTCATTGACTNTNTAACAATAGGCATTCTGACTGGATGAGATGGTAT
CTCACTGTGGTTTTCTCTGCATTTTTCTAATAATTAACAACGTGAATTTTGTNTCATG
TGCTTGTGAGCCACATGTATGTCTTCTTTTGGAAAGTATCTGNTCATGTTTTTGTCTACT
TTTAANTAGTNTTTGGTNTCTTTTTTGTGTGTGTTTCTGAGAGGGATCTTGTCTGT
GTACCAGAAGGNATGCAG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015852 unedited NCCCTCNTTGNCCGCGGCCGCATTCTANATCGAGNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TAAAAATTTCTCAGCAGTATGATTTATTTTATGTTTAAAAAAGTTGAAGGTGTTGTCAA ATCATTGTCACATCTTTCAGGTTTGTAAAGTTTCCAGTATTAATTTTCTTATGTTTAGTA AAGTTTGAGATTTAGTTACAAGCATTGCCACATTCTTCACATTTGCAGGGTTTCTCTCAA ATATGAATTGTCTTATGTGGAGTAAGGGTTGATGATAGGTTAGCTTTGCCACATTCTTCA CATTTGTAGGGTTTCTCTCCAGTACGATTTTCTTATGTGCAGTAAGGTTTGAGGATGAG TTTAAAAGCTTTGCCACATTCTTCACATTTGTAGAGTTTCTCTCCAGTATGAATTATATTA TGTATAGCAAGGTGTGAGAACTGTTTAAAAGCTTTACCACATTCTTACATTTGTACAGT TTCTCTCCAGTATGAATTACCTTATGTTTACTAAGCGTTGAGGACAGGTTAAAGGCCCTTG TCACATTTCTTCACATTTGTAGGATTTCTCTCCTGTATGAATTTTTTTATGGCCTGTAAGA TTTGAAGATCGGTTAAAAACTTTGCCACATTTTTCACATTTGTAGCATTCTCTCCAGTG GGAATTATCTTTATTGTACAAAGGGCCGAAGACTGGCTAAAAGCCTTACCACATTTTTC CATTGTGAAGGGTTTCTTCTCGGACGAATTCCTTACGGGTGCAAGCCTTTCAGCCA TCGACTGTAACCTTTGCCCACTTCTCACCTCGTCAGGGTTCTCCCCATGTGACATTC TCTTATGTATAGTAAGACCGACCCTCTTGTAAAGCTTTCCACCTCCTTCCCCTCTGGA GGGCTCGCCCCCGCGGCAATCTTCTTGCATAG
Restriction Sites:	NotI-NotI
ACCN:	NM_015852
Insert Size:	4170 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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:	<u>NM_015852.1</u> , <u>NP_056936.1</u>
RefSeq Size:	2873 bp
RefSeq ORF:	1284 bp
Locus ID:	51351
UniProt ID:	<u>Q03924</u>
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]