

## Product datasheet for **SC104636**

### ZNF347 (NM\_032584) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF347 (NM_032584) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF347
Synonyms:	ZNF1111
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC104636 sequence for NM\_032584 edited (data generated by NextGen Sequencing)

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ATGGCTCTCACCCAGGGACAGGTGACATTCAGGGATGTGGCTATAGAATTCTCTCAGGAG
GAGTGGACATGCCTGGACCCCGCTCAGAGGACTTTGTACAGGGACGTGATGTTGGAGAAT
TATAGGAACCTGGCCTCCCTGGGAATCTTTGTTTTGACCTCAGTATTATCTCTATGTTG
GAGCAAGGGAAGGAGCCCTTTCACCTTTGGAGAGCCAAGTACAAATAGCAGGAAACCCAGAT
GGATGGGAATGGATCAAAGCTGTGATCACAGCTCTCTCTCCGAATTTGTAATGAAAGAT
TTACTACACAAAAGGGAAGTAATACAGGAGAAGTATTCCAACACAGTGATGTTGGAAAGA
CAGGAAAAGCCAAGACATTGAAGGATGTTCTTCCAGGGAAGTCCAGAAAAATACACATGGC
CTTGAGTATCAATGCAGAGATGCTGAAGGAAATTACAAAGGAGTGCTTTTGACCCAAGAA
GGCAATCTCACTCATGGAAGAGATGAACATGATAAAAAGAGATGCAAGAAACAAGCTTATT
AAAAATCAGCTTGGATTAAGCCTTCAGTCACATCTGCCTGAACTGCAGCTTTTTCAATAT
GAAGGGAAAAATTTATGAATGTAATCAGGTTGAGAAGTCTTTCAACAATAATTCTCAGTT
TCACCACCTCAACAAATGCCTTATAATGTCAAACCCACATTTCTAAGAAATATCTCAA
GATTTTATCTCTCTTTTACTCACACAGGGGCAAAAAGCAAAATAATTGGGGAAGCCCT
TACAAATCTGATGGATGTGGCATGGTCTTCTCAAATTCACACCTTGCAAGTCATCAG
AGAAGTATACTAAAGAGAAACCTTACAAATGTTATGAGTGTGGCAAAGCCTTTAGAACA
CGTTCAAACCTAACTACCCATCAGGTGATCCATACTGGCGAAAAACGTTACAAATGTAAT
GAGTGTGGTAAGGTCTTTAGTCGAAATTCACAACCTCTCACAACATCAGAAAAATTCACACT
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GTAAGACATCGAGGAATTCATACTGGAGAGAAACCTTACAAGTGAATGAGTGTGGGAAA
GCCTTTAGAGCTCGTTCAAGCTTAGCTATCCATCAGGCAACCCACAGTGGAGAAAAACCT
TACAAATGTAATGAATGTGGCAAGGTCTTCACTCAAATTCACACCTTACAAATCACTGG
AGAATTCACACTGGAGAGAAACCTTACAAGTGAATGAGTGTGGCAAAGCCTTTGGTGTT
CGTTCAAGCCTAGCTATTCATCTGGTAATTCACACCGGAGAAAAGCCTTACAAATGTCAT
GAATGCGGCAAGGTCTTTAGGCGTAATTCACACCTTGCAAGGCATCAGCTAATTCATACT
GGAGAGAAACCTTATAAGTGAATGAGTGTGGCAAAGCCTTTAGAGCACATTCAAACCTA
ACTACCCATCAGGTATCCATACTGGAGAAAAGCCTTACAAATGTAATGAATGTGGCAAG
GTCTTCACTCAAATTCACACCTTGCAAAATCATCAAAGAATTCATACTGGAGTGAAGCCT
TATATGTGAATGAGTGTGGCAAAGCCTTCAGTGTGATTCGAAGCCTAACTACCCATCAG
GTCATCCATACTGGAGAAAACCTTACAAATGTAATGAGTGTGGCAAAGGTCTTCACTCAG
AATTCACACCTTGCAAGACATCGGGGAATTCATACTGGAGAGAAACCTTATAAATGTAAT
GAATGTGGCAAGGTCTTTAGGCATAATTCATACCTTTCAAGGCATCAGCGAATTCATACT
GGAGAGAAACCTTACAAGTATAATGAGTATGGCAAAGCCTTTAGTGAACATTCAAACCTA
ACTACCCATCAGGTATCCATACTGGTGA AAAACCTTACAAATGTAATGAGTGTGGCAAG
GTCTTCACTCAGAATTCACACCTTGCAAGACATCGGAGAGTTCATACTGGAGGTAACCT
TACCAGTGAATGAATGTGGCAAAGCCTTTAGTCAAACATCAAAGCTTGCAAGGCATCAG
AGAGTTCATACTGGAGAGAAACCATATGAGTGTGAATCAGTGTGGGAAAGCCTTTAGTGTC
CGTTCAAGCCTAACTACCCATCAGGCAATCCATACTGGAAAAAACCTTACAAATGCAAT
GAGTGTGGGAAGGTCTTCACTCAGAATTCACACCTTGCAAGACATCGGGGAATTCATACT
GGAGAGAAACCTTACAAGTGAATGAGTGTGGCAAAGCCTTTAGTCAAACCTTCAAACCTT
GCAAGGCATCAGAGAATTCATACCGGAGAGAAACCATATGAGTGTGGGAAACCTTTAGT
ATCTGTTCAAGCCTAACTACCCATCAGACAATCCATACTGGTGGGAAACCTTACAAATGT
AACCTGTGGAAAGTTCTAAAGTCAGAGTTCAAACCTTGCAAGCCATCACAGAATTCATAG

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Clone variation with respect to NM\_032584.2  
790 a=>g;2464 g=>c

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_032584 unedited  
 NAATGGTTCGNATTATGTATACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGGTTGC  
 CCAGGCTGATCTCGAACTCCTGACCTCAGGAAGAACCCTTGAAGAAGAGGAAGAGGAAAG  
 AAAGACAAGTCAGGCATGGCTCTCACCCAGGGACAGGTGACATTCAGGGATGTGGCTATA  
 GAATTCCTCAGGAGGAGTGGACATGCCTGGACCCCGCTCAGAGGACTTTGTACAGGGAC  
 GTGATGTTGGAGAATTATAGGAACCTGGCCTCCCTGGGAATCTCTGTTTTGACCTCAGT  
 ATTATCTATGTTGGAGCAAGGGAAGGAGCCTTTCACCTTTGGAGAGCCAAGTACAAATA  
 GCAGGAAACCCAGATGGATGGGAATGGATCAAAGCTGTGATCACAGCTCTCTCTCCGAA  
 TTTGTAATGAAAGATTTACTACACAAAGGGAAGAGTAATACAGGAGAAGTATTCCAAACA  
 GTGATGTTGAAAAGACAGGAAAGCCAAGACATTGAAGGATGTTCCCTTCAGGGAAGTCCAG  
 AAAAATACACATGGCCTTGAGTATCAATGCAGAGATGCTGAAGGAAATTACAAAGGAGTG  
 CTTTTGACCCAAGAAGGCAATCTCACTCATGGAAGAGATGAACATGATAAAAGAGATGCA  
 AGAAACAAGCTTATTAATAATCAGCTTGGATTAAGCCTTCAGTCACATCTGCCTGAACTG  
 CAGCTTTTTCAATATGAAGGGAAAATTTATGAATGTAATCACGTTGAGAAGTCTTTCAAC  
 AATAATTCCTCAGTTTCACCACCTCAACANATGCCTTATAATGTCAAAAACCCCATTTCT  
 AAGAAATATCTCAAAAGATTTATCTCTTCTTATTACTCACACAGGGGCAAAAAGCAAAT  
 AATTGGGGAAGCCCTTACAATCTGAGGGATG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_032584 unedited  
 GTCTCTGTAACGCGAGGCACGCATTCTAGNGATCGAGTTTTTTTTTTTTTTTTTTTTCTTTA  
 AGAAGGAGTTTTGCTCTTTTTGCCAGGAGGAGTGCATTGGCAGCATCTTGGCTCACTGC  
 AACCTCCGCTCCTGGGTTCAAGTGATTCTCCTGCCTCAGCCTCCTATATAGCTGGGATT  
 ACAGGCGCACGCCACCAGGCCTAGCTAATTGTGTACTTTTAGTAAAAATGGGGTTTCGCC  
 ATGTTGGTCAGGCTGGTCTTGAACCTCCTGACCTCAGGTGATCCACCTGCCTCGGACTCCC  
 AAAGTGTGGGATTACAGGCATGAGCCACTGCACCCAGCCAGTCATTGCATTTTCAAGGA  
 ATCTCTCAGGCATAAATTCTCTGACGTTGTCAAAGGAATGAATCTAACTGCAAAAAGTTA  
 CCACCTTCATTTGAAGGTTTCTCTCCACTATGAATCTGTGATGGCTTGCAGGTTTGA  
 ACTCTGACTTTAGAACTTCCACAGGTTACATTTGTAAGGTTTCCCACACTCATATGGTTTCT  
 TCTGATGGGTAGTTAGGCTTGAACAGATACTAAAGGTTTCCCACACTCATATGGTTTCT  
 CTCCGGTATGAATCTCTGATGCCTTGAAGTTTTGAAGTTTGAAGTTTGAAGGCTTTGCCAC  
 ACTCATTACACTTGAAGGTTTCTCTCCAGTATGAATCCCGATGTCTTGCAGGTGTGA  
 ATTCTGAGTGAAGACCTTCCCACCTCATTGGATTTGTAAGGTTTCTTCCACTATGGAT  
 GGCCCGAGGGTAATTTAGCTTTGACCGCCACTAAAGGCTTTCCCCACCGTTTACCCTAA  
 TTGGGTTTCTCTCAAATGAACTCCCTGATCCCTTCAACCTTTATGTCGACTAAGGCTTG  
 GCCACTCTTCCCGGTAAGGTTACCTCAAATGAACTCTCCATCCCTCCAGTGCAT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_032584

**Insert Size:**

3000 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:**

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\\_032584.1](#), [NP\\_115973.1](#)

**RefSeq Size:** 3502 bp

**RefSeq ORF:** 2520 bp

**Locus ID:** 84671

**UniProt ID:** [Q96SE7](#)

**Cytogenetics:** 19q13.42

**Domains:** KRAB, zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (3) differs in the 5' UTR and uses an alternate in-frame splice site in the coding region, compared to variant 1. The resulting isoform (b) lacks one internal amino acid, compared to isoform a.