

Product datasheet for **SC118023**

ZNF345 (NM_003419) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF345 (NM_003419) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF345
Synonyms:	HZF10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_003419, the custom clone sequence may differ by one or more nucleotides

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ATGAAAAACCTTACAAAACACAGCATTGAGTGTTCAGTTCAGAGGTGATTGGGAATGTAAAAACCAAGT
TTGAGAGAAAAACAGGGATCTCAGGAAGGACATTTCAAGTAAATGATATTTACTCCTGAAGACATGCCAC
TTTCAGTATCCAGCATCAGAGAATTCATACTGATGAGAACTCCTTGAATGTAAGGAATGTGGGAAGGAT
TTTAGTTTTGTATCAGTCCTTGTTCGACATCAGCGAATTCATACTGGTGAGAAACCTTATGAATGCAAAAG
AATGTGGCAAGGCCTTTGGTAGTGGTGCAAACTTGCTTACCATCAAAGAATTCATACTGGTGAGAAAGCC
TTTTGAATGTAAGAATGTGGGAAGGCCTTTGGTAGTGGCTCAAACCTTACTCACCATCAGAGAATTCAT
ACTGGTGAGAAACCTATGAGTGAAGGAATGTGGGAAAGCCTTTAGTTTTGGATCAGGCCTTATTCGAC
ATCAGATCATTACAGTGGTGAGAAAGCCTTATGAGTGAAGGAATGTGGGAAGTCCTTTAGTTTTGAATC
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TTTGGCAGTGGTCAAACCTTACTCAACATCGGCGGATTCATACTGGTGAGAAACCTTATGAATGCAAAAG
CATGTGGAATGGCCTTTAGCAGTGGTTCGGCTCTTACTCGGCATCAGAGAATTCATACCGGTGAGAAACC
ATATATATGTAATGAATGTGGTAAGGCCTTTAGTTTTGGATCAGCCCTTACTCGACATCAAAGAATTCAT
ACTGGTGAGAAACCTTATGATGTAAGGAATGTGGGAAGGCTTTAATAGTGGCTCAGATCTCACTCAGC
ATCAGAGAATTCACACTGGTGAGAAACCTATGAGTGAAGGAGTGTGAGAAAGCCTTTAGAAGTGGTTC
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TTTAGTAGTGGTTCAGACCTTACTCAACATCAGAGAATTCATACTGGTGAGAAACCTTATGAATGTAAGG
AATGTGGGAAGGCCTTTGGTAGTGGCTCAAACCTTATCCAACACCAGCTAATCCATACTGGTGAAGACC
CTATGAATGTAAGAATGTGGAAAGTCCTTTAGTAGTGGTTCAGCTCTTAAATCGGCACCAGAGAATACAC
ACTGGTGAGAAACCTTATGAATGTAAGGAGTGTGGGAAGGCTTTTATAGTGGCTCAAGCCTTACTCAGC
ATCAGAGAATTCATACAGGTGAGAAACCTTATGAATGTAAGAATGTGGGAAGGCTTATGGGAGGGATTC
AGAGTTTCAGCAACATAAGAAAAGTCATAATGGTAAGAAACTCTGCGAATTGGAAACTATAAATTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003419 unedited
 TCACATATTTGTATACGACTCACTATAGGGNCCGGCCGCGCAATTCGGCACGAGGCGGCC
 TTGGGGCTTTGTGAGATAGCTAGGGTCGACTTGTGTGGATTCTAGTAGAACGGAGCTGAC
 CCTATCCGAACAGGCCCTGCCCCTGCTTGGATAGAGGCCCTCCGAACAGGAGTAAAGAATG
 GCTGTTGAACATCCACAAGGCACCTGCAAGACTATGAATCAAAGTTGAGACCAAGAAATT
 ATTTCTGAAAAAGGATATGAAAAACCTTACAAAAACACAGCATTGAGTGTTCAGTTTCAG
 AGTGATTGGGAATGTA AAAACCAAGTTTGAGAGAAAAACAGGGATCTCAGGAAGGACATTT
 CAGTGAATGATATTTACTCCTGAAGACATGCCCACTTTTCAGTATCCAGCATCAGAGAAT
 TCATACTGATGAGAACTCCTTGAATGTAAGGAATGTGGGAAGGATTTTGTATTTGTATC
 AGTCTTGTTCGACATCAGCAATTCATACTGGTGAGAAACCTTATGAATGCAAAGAATG
 TGGCAAGGCCCTTGGTAGTGGTGCAAACCTTGCTTACCATCAAAGAATTCATACTGGTGA
 GAAGCCTTTTGAATGTAAGAATGTGGGAAGGCCCTTGGTAGTGGCTCANACCTTACTCA
 CCATCAGAGAATTCATACTGGTGAGAAACCTATGAGTGAAGGAAATGTGGGAAGGCC
 TTTAGTTTGGATCAGGCCTTATTCGACATCAGATCATTACAGTGGNTGAGAAGCCTTA
 TGAGTGAAGGAATTGTGGGAGTCCCTTGTAGTTTGAATCAGCCCTTATTCNGCATCACA
 GAATTCACACAGGTGAGAAACCTTATGAATGTATAGATTGGTAAAAGCCTTTGGCAGT
 GGNTAAAACCTTACTCACCATCGCGGATCATACTGTTGAGAAACCTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003419 unedited
 CGCGGCCGCAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGTGTTTATAATGGCAAAAT
 TTTTAAATTTTGACAAAATTTGGGGTTTGATAAAGACAGGTGAATACTATAAAGCCAATAA
 AATGGTAAACAACATATTTACAGACAAAAAATTAAGGGCTGGTTATAGTATAGCATAAT
 CACACCTTGTTCAAAAACAATGAGAGATAGTATTAAGGATTTGCTCCAAAAGTTTGAC
 AGTGATTATCTATGATTGGTAAGATTACAGGTAACCATATCCTTTTTTTCTTTTTATCTA
 CATTATGATGAGGAAAAGCTGTTTTGCTAAAATGGAGAGTATAATTTTATAAAAAGGAAAAG
 TAAACAATCTTCTAAAACAAAAGGTACAGGTATTAAGGATACTTAAAAGTAACAGTTAT
 TGACCATAAACAGGATGAGACATAGATACATATATATAAATTTAAAAACAAAACACTGGG
 CCAGGCATGGTGGCTCATGCCTGTAATTCAGCACGTTGGGAGGCCGAGGCAGATGGATC
 ACGAGGTCAAGAGATCGAGACCATCCTGGCCAACGTGGTGAACCCCATCTCTAATGAAA
 ATACAAAAAATTANCTGGGCGTGGTGGCGGGCGCTGTANTCCCAGCTACTGGGGAGCTG
 ANGCAAGAAAATCACTTGAACCTCGGGAAGTGGAGTTGCGAGTGAACCCGAGAATGCACCAC
 TGCACTTCAGCCTGGTGACAGTGAGACTCCATCTCANANAAACCANAACCAAAACCAACCA
 AAAACCTTGACCTGAATCCAGCTTTATGTGAATAAAATGTACTTACATCAATAGTCATAA
 AAAATATGAAATGGACAAGGTATTGATTAATGTGTTAGGATATCAGAAGAAAAAAGATAA
 TTAACCTGCATAATAAAATATTTTCATGATCAGAATCTGATAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_003419

Insert Size:

2940 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_003419.2</u> , <u>NP_003410.1</u>
RefSeq Size:	3163 bp
RefSeq ORF:	1467 bp
Locus ID:	25850
UniProt ID:	<u>Q14585</u>
Cytogenetics:	19q13.12
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) and variants 2 through 5 encode the same protein.