

## Product datasheet for **SC110522**

### ZNF334 (NM\_018102) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF334 (NM_018102) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF334
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_018102, the custom clone sequence may differ by one or more nucleotides

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ATGAAAATGAAAAATTTTCAGATACCAGTTTCATTCCAGGACCTGACTGTGAACTTCACCCAAGAGGAAT
GGCAGCAACTGGACCCTGCTCAGAGGCTCCTGTACAGGGATGTGATGCTGGAGAACTACAGCAACTTGGT
CTCTGTGGGGTATCATGTTAGCAAACAGATGTGATTTTCAAATTTGGAGCAAGGAGAAGGCCATGGATA
GTGGAGGAATTCTCAAATCAGAACTACCCAGACATTGATGATGCCTTAGAGAAGAACAAGGAAATCCAAG
ATAAACATTTGACACAAACTGTATTCTTCCAGCAACAAAACACTGATTACAGAAAGAGAGAATGTATTTGG
GAAAACACTTAATCTGGGCATGAATAGTGTTCCTCAAGAAAAATGCCCTATAAATGTAATCCAGGAGGA
AACAGTTTGAAAATAATTCAGAAGTAATTGTTGCAAAGAAAAGCAAAGAAAACAGAAAGATTCTGATG
GATACAGTGGATTTGGGAAGCATGAGAAAAGTCATTTGGGAATGAAAAATACAGATACAATCCAATGAG
GAAAGCCAGCAATCAAAACGAAAATCTTATTCTGCACCAGAACATTCAGATTTTGAACAACCGTTTGAC
TATAATAAATGTGGGAAAACCTTCTTCAAGAGGGCAATTCTCATTACACAAAAGGGGAGACAGACTGAAA
GGAAACCAATGAATGTAATGAATGTAGGAAAACCTTTTCTAAGAGATCTACCCTCATTGTACATCAGAG
AATTCATACAGGGGAGAAACCGTATGTTTGTAGTGATTGTAGGAAAACCTTTTCGTGTGAAGACAAGCCTC
ACTCGACACCGAAGAATTCATACTGGAGAGAGACCCTATGAATGCAGTGAATGCAGGAAAACCTTCATTG
ACAAATCTGCCCTTATTGTACACCAGAAAATTCATGGAGGGGAGAAAATCCTATGAGTGAATGAATGTGG
AAAGACCTTTTTTCGGAAGTCAGCCCTGGCTGAACATTTCAAGTCCACACAGGGGAGAAAGCCTTACGAA
TGCAAGGAATGTGGAAATGCCTTCAGCAAGAAATCGTATCTTGTGTACATCAAAGAACTCACAGAGGAG
AGAAGCCAAATGAATGTAAGGAATGTGGGAAAACCTTCTTCTGTCAGTCAGCCCTTACTGCGCATCAGAG
AATTCACACAGGGGAAAAACCTATGAATGTAGTGAATGTGAGAAAACCTTTTTGTCAATCTGCCCTC
AATGTGCATCGAAGAAGTCATACAGGAGAGAAGCCCTATGAATGCAGTCAATGTGGAAAATTTTTATGTA
CGAAATCAGCCCTCATTGCACATCAGATAACTCATAGAGGAAAGAAGTCTTATGAATGTAATGAATGTGG
GAAATTTTTCTGCCATAAGTCAACACTCACTATACATCAGAGAACACACAGGAGAGAAAACATGGTGTG
TTAATAAATGTGGTAGAATCTCCATTGTGAAGTCAAACCTGCAGTCAGTGAAGAGAATGAACACAAAGG
AGAATCTTTATGAGTGTAGTGAACATGGGCATGCCGTGAGCAAAAACCTCACACCTCATTGTACATCAGAG
AACTATATGGGAGAGACCATATGAATGCAATGAATGTGGGAGAACCTACTGCAGGAAGTCAGCCCTGACT
CACCATCAGAGAACACACAGGACAGAGACCCTATGAGTGAATGAATGTGGGAAAACCTTCTGTCAGA
AGTTCTCCTTTGTTGAACATCAGCGAATCACACTGGGGAGAAACCATATGAATGTAATGAATGTGGGAA
ATCCTTCTGCCATAAGTCAGCCTTCAGAGTCCATAGAAGAATTCACACAGGAGAGAAACCATATGAATGT
AATCAATGTGGGAAAACCTACCGTCGCCTGTGGACTCTCACTGAACATCAGAAAAACACACAGGAGAGA
AACCTTATGAATGTAACAAATGTGAGAAAACATTTCCGCCAAAATCAAACCTTTCTTTTACATCAGAAATC
CCACAAGGAATAA
    
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_018102 unedited

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NNGGTCAAAATTTGTATACGACTCCTATAGGGCGCCGCGAATTCGCACGAGGCGGAGACT
TGGACCTGGTGGAACTGGAGGGCAAGCGGGTGCACCCACAACCTATAGGAAGGGCTGGC
GGCGAGCTCTGAGCACTCGGGCGTGGAGGGAACGGTGGGGCCGGGCGGAGCGGGCTCG
GGTCTGCGGAGGGTGGACGCGCTCTCCCTGTCTTTGGAGGGAGGGTTTCTGTGGTGC
GGAGGCGAGGCAGCCAGGCGAGATTGGGCTCCTGACCTGCAGGCCACGGGCGAGCTCTC
TCTAGGGCCCTGATTTGCCCGAAGAAGGCGCTTGGTGAAGGTGAAAGGTTTACGCATCCA
AGTAGCTAGAACCTTTCCAGAATTTCTGCTGATGCACTTAGTCTTGCAGCCATTGATT
ATTATAGCTCAGCAAAGTTCAGTTCAACTTTTCGGAAGAAGGATGTGAGCTGGAATGGGCA
GGGTCAAGATTTGACAGGAAAAGACACTTCACTGGAGGTATCTGCGAGAGTCTGGGTTG
GAGGGAAGGAGTACTGGTTATAAATAAGGAAATGATGTCTTCACTTCTTAAACAT
ACATGTCAATCCCTACCCTCCACCCTCTGTTTATTACAGAGCTGCACCAACCATGTTCA
TCACCTCACCTGGGATTTACTGAGTTTACCCTTACAGAGCTACACGATAGGGGTAAGG
AAAGACTAAAAACCAATTTATCTTATATTAATAAATTACGACTTAGTAAATATTTTTTTCAG
TAATGCAGTTTGCTAGTGACAGATCCATAACTGAATTCTGGTCCCTTTGAGTACCGGTCA
GGGCTTTTGTCTACTACCCATTTACGTTACCTACCACAAGAAGTTTCTAAATTAAN
    
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<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_018102
<b>Insert Size:</b>	7180 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_018102.3</a> , <a href="#">NP_060572.3</a>
<b>RefSeq Size:</b>	2467 bp
<b>RefSeq ORF:</b>	2043 bp
<b>Locus ID:</b>	55713
<b>UniProt ID:</b>	<a href="#">Q9HCZ1</a>
<b>Cytogenetics:</b>	20q13.12
<b>Domains:</b>	KRAB, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>This gene encodes a member of the C2H2 zinc finger family. The encoded protein contains a Krueppel-associated box, fourteen C2H2 zinc finger domains, and four C2H2-type/integrase DNA-binding domains. Decreased expression of this gene may be a marker for rheumatoid arthritis. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a).</p>