

Product datasheet for **SC121580**

ZNF334 (NM_199441) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF334 (NM_199441) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF334
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_199441, the custom clone sequence may differ by one or more nucleotides

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ATGCTGGAGAACTACAGCAACTTGGTCTCTGTGGGTATCATGTTAGCAAACAGATGTGATTTTCAAAT
TGGAGCAAGGAGAAGAGCCATGGATAGTGGAGGAATCTCAAATCAGAACTACCCAGACATTGATGATGC
CTTAGAGAAGAACAAGGAAATCCAAGATAAACATTTGACACAAACTGTATTCTTCAGCAACAAAACACTG
ATTACAGAAAGAGAGAATGTATTTGGGAAAACACTTAATCTGGGCATGAATAGTGTCCCTCAAGAAAAA
TGCCCTATAAATGTAATCCAGGAGGAAACAGTTTGAAAACATAATTCAGAAGTAATTGTTGCAAGAAAAAG
CAAAGAAAACAGAAAGATTCTGATGGATACAGTGGATTTGGGAAGCATGAGAAAAGTCATTTGGGAATG
AAAAAATACAGATAACAATCCAATGAGGAAAGCCAGCAATCAAACGAAAACTTATTCTGCACCAGAACA
TTCAGATTTTGAACAACCGTTTGACTATAATAAATGTGGGAAAACCTTCTTCAAGAGGGCAATTCTCAT
TACACAAAAGGGGAGACAGACTGAAAGGAAACCAATGAATGTAATGAATGTAGGAAAACCTTTTCTAAG
AGATCTACCCCTATTGTACATCAGAGAATTCATACAGGGGAGAAAACCGTATGTTTGTAGTGATTGTAGGA
AAACTTTTCGTGTGAAGACAAGCCTCCTCGACACCGAAGAATTCATACTGGAGAGAGACCCATGAATG
CAGTGAATGCAGGAAAACCTTATTGACAAATCTGCCCTTATTGTACACCAGAAAATTCATGGAGGGGAG
AAATCCTATGAGTGAATGAATGTGAAAAGACCTTTTTTCGGAAGTCAGCCCTGGCTGAACATTTACGGT
CACACACAGGGGAGAAGCCTTACGAATGCAAGGAATGTGGAAATGCCTTCAGCAAGAAAATCGTATCTTGT
TGTACATCAAAGAACTCAGAGGAGAGAAGCCAAATGAATGTAAGGAATGTGGGAAAACCTTCTTCTGT
CAGTCAGCCCTTACTGCGCATCAGAGAATTCACACAGGGGAAAAACCTATGAATGTAGTGAATGTGAGA
AAACCTTCTTTGTCAATCTGCCCTCAATGTGCATCGAAGAAGTCATACAGGAGAGAAGCCCTATGAATG
CAGTCAATGTGGAAAATTTTATGTACGAAATCAGCCCTCATTGCACATCAGATAACTCATAGAGGAAAG
AACCTTATGAATGTAATGAATGTGGGAAATTTTCTGCCATAAGTCAACACTCACTATACATCAGAGAA
CACACACAGGAGAGAAAACATGGTGTGTTAATAAATGTGGTAGAATCTCCATTGTGAAGTCAAACCTGCAG
TCAGTGTAAAGAGAATGAACACAAAGGAGAATCTTTATGAGTGTAGTGAACATGGGCATGCCGTGACGAAA
AACTCACACCTCATTGTACATCAGAGAATATATGGGAGAGACCATATGAATGCAATGAATGTGGGAGAA
CCTACTGCAGGAAGTCAGCCCTGACTCACCATCAGAGAACACACACAGGACAGAGACCCTATGAGTGTA
TGAATGTGGGAAAACCTTCTGTCAGAAGTTCTCCTTTGTTGAACATCAGCGAACTCACACTGGGAGAAA
CCATATGAATGTAATGAATGTGGGAAATCTTCTGCCATAAGTCAGCCTTCAGAGTCCATAGAAGAATTC
ACACAGGAGAGAAAACCATATGAATGTAATCAATGTGGGAAAACCTACCGTCGCCTGTGGACTCTCACTGA
ACATCAGAAAATACACACAGGAGAGAAAACCTTATGAATGTAACAATGTGAGAAAACATTTGCCACAAA
TCAAACCTTCTTTTACATCAGAAATCCCAAGGAATAA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_199441 unedited

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ACGAGGCGTGAATCCCTGGTCCCGCCGANACTTGGACCTGGTGCGAACCTGGGAGGCGAAG
CGGGTGCACCCACAACCTATAGGAAGGGCTGGCGGCGAGCTCTGAGCACTCGGGCGTCGG
AGGGAACGGTGGGCGCGGAGCGGGCTCGGGTCTGCGGAGGGTGGACGCGCGCTCT
CCCTGTCTTTGGAGGGAGGGTTTCTGTGGTGGGAGGCGAGGCAGCCAGGGCAGGATTG
GGCTCCTGACCTGCAGGCCACGGGCGAGCTCTCTAGGGCCCTGATTTGCCGAAGAAG
GCGCTTGGTGAAGGTGAAAGTTTACGCATCCAAGTAGCTAGAACCTCTTCCAGAACTT
CTGCTGATGCACTTAGTCTTGCAGCCATTGATTATTATAGCTCAGCAAAGTTTCAGTTCAA
CTTTCGGAAGAAGGATGTGAGCTGGAATGGGCAGGGTCAAGATTTGACAGGAAAAGACAC
TTCAGTGGAGGTATCTGCGAGAGTCTGGGTTGGAGGGAAGGAGTACTGGTTATAAATAA
GGAAATGATGTCTTCACTTCCCTAAACACATACATGTCATTCCCTACCATCTCCACCC
TCTGTTTATTCAGAGCTGCACCAACCATGTTTCATCACCTCACCTGGGATTTACTGAGTTT
ACCCCTTACAGAGCTACACGATAGGGGTAAGGAAAGACTAAAAACCAATTTATCTTATA
TAAAAATTACGACTTAGTAAATATTTTTTTCAGTAATGCAGTTTGCTAGTGACAGATCCC
ATAACTGAATTTGGTCTTTGAGTACCAGGTCAGGGCTTTTGTGCATCTACCACATTTAC
GTTACC
    
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Restriction Sites: NotI-NotI

ACCN:	NM_199441
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_199441.1</u> , <u>NP_955473.1</u>
RefSeq Size:	3489 bp
RefSeq ORF:	1929 bp
Locus ID:	55713
Cytogenetics:	20q13.12
Protein Families:	Transcription Factors
Gene Summary:	<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 (2) differs in the 5' UTR and coding region compared to variant 1. The resulting isoform (b) is shorter at the N-terminus compared to isoform a.</p>