

Product datasheet for **SC124290**

ZNF343 (NM_024325) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF343 (NM_024325) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF343
Synonyms:	dj734P14.5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_024325, the custom clone sequence may differ by one or more nucleotides

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ATGATGTTGCCTTATCCTTCAGCACTGGGAGATCAACTACTGGGAAGAGATTTTGCTTCCAAAGAATGGG
AAAATGTAGAGACTATGAAGAAATTGACCCAAAATCATAAAGCGAAAGGCTTGCCTTCTAATGATACTGA
CTGCCCCAGAAAAGGAGGGAAAGGCCAAAATAGTGGTACCAGTTACATTCAGGGATGTGACTGTGATC
TTCACAGAAGCAGAATGGAAGAGACTGAGTCCAGAGCAGAGGAATCTATACAAAGAAGTGATGCTGGAGA
ATTACAGGAATCTTCTCTCATTGGCAGAACCAAAGCCAGAAATCTACACTTGTTCCTCCTGCCTTCTGGC
CTTCTCCTGTGTCAGCAGTTCTCAGTCAACATGTACTTCAGATCTTCTGGGCTTATGTGCAGAAAATCAC
TTCCATCCAGGGAATTCTAGCCAGGGCATTGGAAACAGCAGGGGCAGCAGTATTCCCATGTAAGCTGTT
GGTTTGAAAATGCAGAAGGTGAGAGAGAGGAGGTGGCTCCAACCCCTGGTCTGCAAGGACAGAGGAGAG
AGAAACCTCAAGGGCATTCCCCAGCCACTCCAAGACAGTCAGCAAGTCTAGAAAAGGCAACATGGTG
GTAGAAAACAGAGCCAGCTCAGCCAAAAGACAAACCCCTGTGCAGCTAGACAAAGGCTTGAAGGAATTAG
AAACCTTGAGATTTGGAGCAATCAACTGTAGAGAGTATGAACCGGACCATAACCTGGAATCAAACCTTAT
TACAAACCCGAGGACCCTCTTAGGGAAGAAGCCCTACATTTGCAGTGATTGTGGGCGAAGCTTTAAAGAT
AGATCAACCCCTCATCAGACACCATCGTATACACTCGATGGAGAAGCCCTTATGTGTGCAAGTGTGCGGGC
GAGGTTTTAGCCAGAAGTCCAACCTCAGCAGACACCAGAGAACACATTCAGAAGAGAAGCCTTATTTGTG
CAGGGAGTGTGGGCAAAGCTTTAGAAGTAAAGTCCATCCTCAATAGACATCAGTGGACTCACTCAGAGGAG
AAGCCCTATGTTTGCAGCGAGTGTGGGCGAGGCTTTAGCGAGAAGTCATCCTTATCAGACACCAGAGGA
CACACTCCGGTGAGAAACCTATGTGTGCCTGGAGTGTGGACGAAGCTTTTGTGATAAGTCAACCCCTCAG
AAAACACCAGAGGATACACTCAGGGGAGAAGCCTTATGTTTGCAGGGAGTGTGGGCGAGGCTTTAGCCAG
AACTCAGATCTCATCAAACACCAGAGGACACACTTGGATGAGAAGCCTTATGTTTGCAGGGAGTGTGGG
GAGGCTTTTGTGACAAGTCAACCCCTCATCATACAGAGCGGACGCACTCTGGAGAGAAGCCTTATGTGTG
TGGTGAGTGTGGCCGAGGCTTTAGTCGGAATCACTCCTCCTTGTCCACCAGAGGACACACTCAGGGGAG
AAGCATTATGTCTGCAGGGAGTGTAGGCGAGGTTTTAGCCAGAAGTCAAATCTCATCAGACACCAGAGGA
CGCACTCAAATGAGAAGCCTTATTTTGCAGGGAATGTGGGCGAGGCTTTTGTGACAAGTCAACCCCTCAT
TGTACATGAGAGGACACACTCAGGAGAGAAGCCTTACGTGTGCAAGTGTGCGGAGGCTTTAGCCGG
AAATCACTCCTCCTTGTCCACCAGAGGACACACTCAGGGGAGAAGCATTATGTTTGTAGGGAGTGTGGG
GAGGCTTTAGTCATAAGTCAAATCTCATCAGACACCAGAGGACACACTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024325 unedited

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TGTAATACGACTCACTTATAGGGCGCCGCAATTGCGACGAGGGGGACAGAGACTTCAC
TCGGGAGCCAGAACCTGTTTTCAACATGGGTATTTAAGAAGAGACGGAGAGGCTGTCAC
TGCAGTGGTCACTGTCTGGAAAAGTAACCGTTGCACGGCCAGAAAGTGGCTCTGTGGCC
GCCAATGGGAGCCGAAGCCTGCGAGGATGTTGGGAATTGTAGTTCTGGCGTCGGTCCGGT
GCCGAGATCCCAGGCACGCTGGCTCTGGTCCACCTTCTCAATCCCTGCCTGCTGGGAGA
GGACGATCTCTTGAGAAAAGGAAAGACTTCTGTGCTCCCGAGAACTTCTATCAGGTCCTG
GCTGCAGGAAAACAAGCTGGGCTTTTTATAATTAAGGTTGGAAGAAGTCAACACAGGCAG
CAGAACTCCATCTTGAGATGAAATAACATCTACCTGGACCTTGGCAGAAATTTCAAGGCA
CACACTGGGCTGACTCTGGCGCCATGATGTTGCCTTATCCTTCAGCACTGGGAGATCAAT
ACTGGGAAGAGATTTTGCTTCCAAAGAATGGGAAAATGTAGAGACTATGAAGAAATTA
CCCCAAAATCATAAAGCGAAAGGCTTGCCTTCTAATGATACTGANCTGCCCCAGAAAAG
GGAGGGAAAAGGCCAAAATAGNTGGTACCAGTTACATTCAGGGATGTGACTGGTGTCTTC
ACAGANGCAGAATGGAAGAGACTGAGTCCAGAGCAGAGGAATCTATACAAAGAGTGATGC
TGGAGAATACAGGGGATCTTTCATGATATGAGTTCGCTCTTGTGCCAGNCTAAGTGCAT
CGGCATCTGGCTACCACACCTTGTCTTCGGNTCAAGCATCTCTGCCAGCTTGGATGTTG
ATAACGACAGCAAAAATAACTGGTCTCGCTTGGCTTCGGA
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_024325 unedited NNNAACGTACTACTATGNNACCGCGCCGCATNCTAGNGATCGATTTTTTTTTTTTTTTTTT TTGATTACTTAAATAAAGCCTGCTTTTTTATTTTCATCTGATTCCAAGAAGTAGAAAAGAA TGCTTATTTAACAGTTACTGCCATCTTCGCTCACATACAGAGTACATGGGGGAGTCAAGA CATTTCTGAAAATCCCTCAGAGGTGAGTGAGGTAGTGACTTGGGGTAGCAAGACTGTCC TCCTAAGTCAGTTGAGGAGTGACATCGGGATGAAGCTCCACCCACAAGCCCTGCCACAG AGGTCTTCTCCCTGAGTGTGTCCTCCTTTAGTACAAGATGAGGTTTAACTTATTGCTAAT GTGTTTCACATTTTCCCTCCCCACCCATGTAAAGCTTGCCAAAAAAGCTGTTCTTTGA TGAGGACTTTTTCTAAGTCCTTGTCATTCTCCCCACACATGCAGAATTTCTATTCAAT ATACTCTGGGGCTTACTGGGGGTGACTCATGGCTGAAGCCTTATCTACACTCCTTATAT ACCTAACATGTCTTAGAATCAATTATCTGGACAGACAACGAGACAGAAAATTGAGGATTC ACTGGGGAGTGAGGGCAGGACTGGGCAGAGGAAGAAGCTGACCTGCAATGTGTCTGCAAC CCAGTGATCCTTCAGTTCGATGGGGATCTCTGGATCTGGAATGACCTTCTGGAGTTGTCC CCGTTGAGTCAAGTTGGGGCCAGAAAGTACCCCTGCAAAGTGCATTGCCCCCGTGGTGC ATGCACCTCCCGGGGCTGAGAGTGAGTTCACAACGGAATGCATCTCTGGAATGCTTTCT GCCCGCAGCAACCTGTTTCTTAAGCAC
Restriction Sites:	NotI-NotI
ACCN:	NM_024325
Insert Size:	4000 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:	NM_024325.4 , NP_077301.4
RefSeq Size:	3632 bp
RefSeq ORF:	1800 bp
Locus ID:	79175
UniProt ID:	Q6P1L6
Cytogenetics:	20p13
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes isoform (1). Variants 1-3 and 7 encode the same isoform (1).