

Product datasheet for **SC115057**

ZNF324 (NM_014347) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF324 (NM_014347) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF324
Synonyms:	ZF5128; ZNF324A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC115057 sequence for NM_014347 edited (data generated by NextGen Sequencing)

ATGGCCTTTGAGGATGTGGCTGTGTAATCTCTCCAGGAGGAGTGGGGCTCCTGGACACA
 GCCCAGAGGGCCCTGTACCGCCGCTGATGCTAGACAACCTTCGCACTTGTGGCCTCGCTG
 GGACTCTCCACCTCTCGACCTCGTGTGGTCATCCAACCTGGAGCGTGGCGAGGAGCCCTGG
 GTTCCCAGTGGAACGGACACAACCTGTCCAGGACCACCTACAGGAGGCGCAACCCTGGT
 TCCTGGAGTTTGACAGAGGATAGAGATGTTTCTGGAGAATGGCCACGAGCTTTCCAGAT
 ACCCCACCTGGGATGACTACTAGCGTCTTCCCTGTTGCCGGTGCCTGCCACAGTGTA
 AGCCTGCAGAGACAACGGGGTGCCTCCCATCTCGGGAGAGAAAAACCCACGGGGGTGTCG
 GTGATCTACTGGGAGAGGCTCCTGCTAGGCTCAGGCAGTGGGCAAGCCAGCGTCAGCCTG
 CGACTGACCTCCCGCTTAGGCCTCCCGAGGGCGTCCGGCTTAGGGAAAAGACACTACA
 GAGCATGCGTTGCTGGGAGGCAGCCAGGACGCTGAGCGGCAGAAACCATGTGCACAG
 GAGGTCCCTGGGAGAACCTTTGGGAGCGCCAGGACCTGGAGGCTGCCGGCGGTGGGGA
 CATCACGAATGGGTGCAGTTTGGCAGGAGCCTCATAGACTCCTCGGTGGCCAGGAGCCC
 TCGACCTGGGACGAGCTGGGCGAGGCTTTCACGCTGGGAGAGTCTTCAATGCAGG
 GCGTGCAGCAAGTGTTGCTGAAGAGCTCCGACCTCCTCAAGCAGCTACGCACCCACACC
 GGGGAGCGGCCCTACGAGTGCGCCAGTGCGGCAAGGCCTTCAGCCAGACGTGCGACTTG
 ACGCAGCACCAGCGCATCCACAGCGGCGAGACGCCCTACGCGTGCCTCGTGGCAAG
 GCCTTCCGGCATAGCTCCTCGTGGTGGCGCACCAGCGCATCCACACGGCCGAGAAGTCC
 TTCCGCTGCTCCGAGTGGCGCAAGGCCTTCAGCCACGGCTCCAACCTCAGCCAGCACC
 AAGATCCACGCGGGTGGGCGTCTTATGCTTGCACAGTGTGGCCGCGCTTCTGCCGC
 AACTCGCACCTGATCCAGCAGGAGCTACGCACAGGCGAGAAGCCCTTCGTGTGCGCG
 CTCTGCGGTGCTGCCTTCAGCCAGGCTCCTCGCTCTTAAAGCAGGCGCGTGCACACA
 GGCGAGAAGCCCTTCGCTGCCACAGTGGCGCGCGCTTTAGCCACAGCTCCAACCTC
 ACCCAGCACCAGCTCCTGCACACGGGCGAGCGGCCCTTCGCTGCGTGGACTGTGGCAAG
 GCCTTCGCCAAGGGCGCGTGTGCTCAGCCACGGCGCATTACACGGGCGAGAAGCCC
 TTCGTGTGTACGAGTGTGGCGCGCCTTCGCTGAGCGCCGCGCCTTTCACACACAG
 AGGATCCATACCGGCGAGAAGACCGTCCGGCGATCCAGGCGCAGCTGCACCCAGGCC
 AGGTCTGTTGCCGGGCATCATCAGAAGGTGCGCCAGCAAGGAAACCGAGCCACTCCC
 GCCTCGGGCCAGCCGCGTCTCGCAGCCAGCGGAGGTCTGA

Clone variation with respect to NM_014347.2
 525 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014347 unedited
 NCCGTCAAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGTCAGGC
 CACACCGGTGGTCTGGGCTGGGACCGCGGTGCGGTCCGTTTCCAGGGGGTTCCTGGT
 GCTCGAGGCTGGCGGCGAGGAAGGACAGATGGCCTTTGAGGATGTGGCTGTACTTCT
 CCCAGGAGGAGTGGGGGCTCCTGGACACAGCCAGAGGGCCCTGTACCGCCGCTGATGC
 TAGACAACCTTCGCACTTGTGGCCTCGTGGGACTCTCCACCTCTCGACCTCGTGTGGTCA
 TCCAACCTGGAGCGTGGCGAGGAGCCCTGGGTTCCAGTGAACGGACACAACCCTGTCCA
 GGACCACCTACAGGAGGCGCAACCCTGGTTCCTGGAGTTTGACAGAGGATAGAGATGTTT
 CTGGAGAATGGCCACGAGCTTTCCAGATACCCACCTGGGATGACTACTAGCGTCTTCC
 CTGTTGCCGGTGCCTGCCACAGTGTAAGGAGCTGCAGAGACAACGGGGTGCCTCCCAT
 CTCGGGAGAGAAAACCCAGGGGGTGTGCGTGATCTACTGGGAGAGGCTCCTGCTAGGCT
 CAGGCAGTGGGCAAGCCAGCGTCAGCCTGCGACTGACCTCCCGCTTAGGCCTCCCGNAG
 GCGTCCGGCNTTAGGAAAAGACACTCACAGAGCATGCGTTGCTGGGAGGCAGCCAGG
 ACGCCTGAGCGGCAGAAACCATGTGCACAGGAGTCCCTGNGAGAACCTTTGGGAGCGCC
 CAGACCTGGAGCTGGCCCGCGTCCGGGACTCACGAAGGGTTGCAGTTTGGCAGGACCT
 CTAACCTCCCTGGTGGCCAGGAGCTCACCTGGACAGCTGGGCGAGCTTCTCTGGGG
 GGGAAATCTTG

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014347 unedited <pre> GCCGCAATCTANAGTCGAGNTTTTTTTTTTTTTTTTTTTTTTCCATTAAGGAGAACATG AATTTCTTGGAGGTGAGGCTCCAGGTAGGGACAGGGCTGGTCTGCTGAAGGCCACAGG AAGCAAATGGCCCCCAGTCCACCTTTCTGTCCCTGCCATGAAGGGCCATTACACTGGGGT GGGGAGGTCTCAGGAGGGTGTACACATAGCCTTAGGCAATAGCAAGTCTTCTTATTC AGCTCTGTCCAGCCTCCAATTGAGGAGGGATAATGGGGGTGAAACAGGGTGGGGGTGAA GTGGCCACCAAACCCGGCAAAAGTGAGCAGCTCCATCTTGTCTGAAGTTAACATCATCCC CTCAGGTATAAAGCCTCCTCCTCACATCGACTTTGGTAAACCAAGTCAGTGACAGGCCTTG GCCAAGCTGAGACTTGGGCAAAAACCTGAACGAGTGCCACCGGAAAGCCATCATCTAGC TCTGTCTTCCAATGCTGAGAGTCACATGTTCCCCCATGGGCATCCCTCTCCTGAGTCGG CTATGTGTGTGAAGCCAGGCCAGGCCGTGTGCCTCAGTTTCTCATCTTCCAAAGTCGGA TACCAGCCACAGAGCCATCTCACAGGGCTTCAGGAGAACTTCCAGTACTCAGGACAGG AGCTGGCAGTGAGCATGTGTTGGCTCTCATTANGACCCACCTGTGACGCTCTACAACAT GATGTTTCAAGTGGACCAACCTTTTCTTTTCCAGAGGTGGCGGNTGACAGAACCCAG ACCCTGATCCCCAGNCCCTTTGGGGTCTTTGNCTGCTAGGGCTGGGCCCCTAGAAAN GTCTTGATGAACANNAGCCAATGGGTTTGAGGGGAGAATACCCNTNAGNGGGCACTCTT TTCAACGCCAGTTTGGGTACAGCTGCATAAGTTTCTTGGGGCACCCCAAACCATGCC TGGATCCCTTTCACTTAAATCACTGGATATCACATGAACCCACCAAGGCAGNGCTGGG ACTGCGGCCTCTACGGCCTTGAAAACCTGCCCCCTAAAGTTACCCACCTCTCCCT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014347
Insert Size:	3140 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:	<u>NM_014347.1</u> , <u>NP_055162.1</u>
RefSeq Size:	3000 bp
RefSeq ORF:	1662 bp
Locus ID:	25799
UniProt ID:	<u>O75467</u>
Cytogenetics:	19q13.43
Domains:	KRAB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation. May be involved in regulation of cell proliferation.[UniProtKB/Swiss-Prot Function]