

## Product datasheet for **SC320029**

### ZSCAN5 (ZSCAN5A) (NM\_024303) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZSCAN5 (ZSCAN5A) (NM_024303) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZSCAN5
Synonyms:	ZNF495; ZSCAN5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_024303.1  
 CCCAGACCGAGAAGGTCGGAGGCAGAAGCCGGGAAGGAGACTTCTGAATGAACAGTGAAT  
 CTATTACTGAGGAAAACAGAGGAAGCCTGTGTAGATAGGTATCAATTAGATACCAGCTA  
 CTGGAAGAGCTTTCTCAGAGACTGATTAATAAATTTCTCCACTAGATATGGCTGCAAATTG  
 CACATCCTCATGGAGTCTAGGAGAATCCTGCAACAGACCTGGGTTGGAGCTGCCACGGTC  
 TATGGCATCCTCAGAACTCAACTTGGAAATCACGACGTGGACCCTGAGATTTCTCACGT  
 GAACTTCAGGATGTTTCTGAGTCCCGAAGGAGTCGGACCCATCCAGGCTCTGAGGAACT  
 CACTGAGCTGTGCCATCTGTGGCTGAGGCCGACCTCCACACCAAGAGCAGATCCTGGA  
 CATGCTGGTGATGGAGCAGTTTATGATCTCCATGCCCCAGGAGCTCCAGGCTTTAGTCAT  
 GATGAACGGTGTGCAGAGCTGCAAAGACCTGGAGGACCTGCTACGAAATAACAGAAGACC  
 CAAGAAATGGTCTGTGGTCACCTTCCACGGAAAGGAATATATTGTGCAGGACTCAGATAT  
 CGAGATGGCTGAAGCCCCCTCCAGTGTCCAGAGATGATCTGAAAGACGTGTCCAGCCAACG  
 GGCCTCCTCGGTGAACCAGATGCGTCCAGGGGAAGGCCAGGCCACCCAGAGCTGCAGAT  
 CCTGCCAGGGTCCCTGCATTGTCCAGGAGGCAGGGAGAGGACTTTCTGTACACAAGAG  
 TATTGACGTAACAGGTGACCCAAAGTCTCTGAGACCCAAGCAGACCTTGGAGAAGGATCT  
 GAAGGAAAACAGGGAAGAGAACCAGGACTGACATCCCCAGAGCCTCAGCTTCCAAGAG  
 TCCCACAGATCTGGTGAGAGCAAAGGAGGGGAAGGACCCCAAAAATAGCCTCTGTGGA  
 AAATGTGGATGCTGACACACCTTCTGCCTGCGTTGTGGAGAGAGAAGCTTCGACTCACAG  
 CGGGAACAGAGGAGACGCTCTGAATCTGAGCAGTCCCAAAAGAAGCAAACCAGATGCCTC  
 CTCCATTTCCCAAGAAGAGCCTCAAGGAGAAGCCACACCTGTGGGCAACAGAGAATCCCC  
 GGGACAAGCTGGGATGAATTCATTCATTTCCAGGCCCTGCGAGCCAGTCAGTCACCC  
 GGATGGCCAAGAAGCCAAGGCACTGCCGCCCTTTCATGTGACGTGTGCGAGAAGAGGTT  
 TACGTGAATTTCAAGCTAGTCATCCACAAGAGATCACACACAGGCGAGAGACTTTTCA  
 ATGTAATCTCTGTGGGAAGCGCTTCATGCAGCTTATTAGCCTCCAATTTACCAGCGAAC  
 CCACACTGGCGAGAGGCCCTACACGTGTGACGTCTGCCAGAAGCAGTTCAACCAGAAATC  
 CTACTTGAAGTGTCAAGAGAAGCCACACAGGGGAGAAGCCCTTCAATGTAAAGACTG  
 CAAGAAAGTTTTACCTACAGGGGGAGCCTGAAGGAGCACCAGCGCATCCACTCCGGAGA  
 GAAACCTACAAATGTTCAAGTGTCCAAGAGCCTTCAAGTGGCTGAAATGTTAAGACG  
 CCACCAGAAAACACATCCAGAAGCTACTTCTCAGTGATTGCATAATCCGGTCTATGCCTT  
 CTGCACCAAGAAGAAGTGAATGATTTTTTTCATCAATGTTATCAGATGACATTTGACACA  
 TGCAAGGGCGTCTGACACACAGAGGGAGTGCCCTAGATATGAATTGCCAGGATGTTTGAG  
 TAAATATGTGTCCTCCCCACTGAGCTTTGTTTTCTGTTTCATTATGTCCATTGTTTTCTT  
 ATAGGTTTATTTTGGTTTGTGTTGCTGTTCTTCAATAAACGATCATCTTATTAGTTTTT  
 AAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_024303

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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:** [NM\\_024303.1](#), [NP\\_077279.1](#)

**RefSeq Size:** 1938 bp

**RefSeq ORF:** 1491 bp

**Locus ID:** 79149

**UniProt ID:** [Q9BUG6](#)

**Cytogenetics:** 19q13.43

**Domains:** LER, zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (3), along with variants 4-8 and 10-11, encodes isoform b.