

Product datasheet for **SC110513**

ZSCAN16 (NM_025231) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZSCAN16 (NM_025231) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZSCAN16
Synonyms:	dj265C24.3; ZNF392; ZNF435
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_025231, the custom clone sequence may differ by one or more nucleotides

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ATGACCACAGCCCTGGAACCTGAGGACCAAAAAGGACTTCTGATAATTAAGGCAGAGGACCATTACTGGG
GACAGGATTCCAGCTCACAAAAGTGCAGTCCTCACAGGAGGGAAGCTCTATAGACAACACTTCAGGAAGCT
CTGCTATCAGGATGCACCTGGACCCCGTGAAGCTCTTACCCAGCTGTGGGAGCTCTGCCGTCAGTGGCTG
AGGCCAGAATGCCACACCAAGGAGCAGATTTTAGACCTGCTGGTGTAGAACAGTTCCTGAGCATTCTTC
CTAAAGACCTGCAAGCATGGGTGCGTGCACACCATCCAGAGACTGGAGAGGAGGCAGTGACGGTACTGGA
GGATCTGGAGAGAGACTTGATGAACCTGGAAAGCAGGTCCAGGCAATTCAGAAAGACGGGACATACTC
ATGGACAAGTTGGCCCCCTTGGGAAGGCCATATGAATCACTGACTGTCCAGCTCCATCCCAAAAAGACCC
AGCTGGAGCAGGAAGCTGGGAAACCACAAAGGAATGGTGATAAACTAGGACTAAGAATGAAGAGTTGTT
CCAGAAGGAAGATATGCCCAAAGACAAGGAATTCCTTGGGGAGATAAATGACAGACTGAACAAAGATACT
CCTCAGCATCCTAAGTCCAAAGATATTATTGAAAATGAGGGCAGATCAGAATGGCAACAGAGGGAAGAA
GACGATAATAATGTGATGAATGTGGAAAAGTTTCAGTCATAGCTCAGACCTTAGTAAACACAGGAGAAC
TCACACGGGAGAGAAGCCCTATAAATGTGATGAGTGTGGAAAAGCCTTCATTACGCGTCCACATCTCATT
GGACATCATAGAGTACACACGGGAGTAAAACCCTATAAATGTAAGAATGTGGAAAAGACTTCAGTGGGC
GCACAGGTCTTATTCAGCATCAGAGAATCCACACAGGTGAAAAACCCTATGAATGTGATGAGTGTGGAAG
GCCTTTCCGAGTAAGTTCAGCTCTTATTAGACATCAAAGAATTCATACCGCAAATAAACTCTACTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_025231 unedited
 GGGTTACGCATTAGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGGTGACCG
 GCTGAAGCGGCCGGGCGCCGATTGGTGTCTTTGAGTCTAGTCTTTGTTCCGGGCTGTCCA
 AAGGACGCTAGCTGTTGCACCTGTTCTCCCTGCGCGTAAGATAGAGGATAAATCTCCTG
 GCAAAGCCCAGAATGACCACAGCCCTGGAACCTGAGGACCAAAAAGGACTTCTGATAATT
 AAGGCAGAGGACCATTACTGGGGACAGGATTCCAGCTCACAAAAGTGCAGTCTCACAGG
 AGGGAACCTCTATAGACAACACTTCAGGAAGCTCTGCTATCAGGATGCACCTGGACCCCGT
 GAAGCTCTTACCCAGCTGTGGGAGCTCTGCCGTCAAGTGGCTGAGGCCAGAATGCCACACC
 AAGGAGCAGATTTTAGACCTGCTGGTGCTAGAACAGTTCTGAGCATTCTTCTAAAGAC
 CTGCAAGCATGGGTGCGTGACACCATCCAGAGACTGGAGAGGAGGCAGTGACGGTACTG
 GAGGATCTGGAGAGAGAGCTTGATGAACCTGGAAGCAGGTCCCAGGCAATTCAGAAAGA
 CGGGACATACTCATGGACAAGTTGGCCCCCTGGGAAGGCCATATGAATCACTGACTGTC
 CAGCTCCATCCCAAAAAGACCCAGCTGGAGCAGGAAGCTGGGAAACCACAAAGGAATGGT
 AAGCAGGAACAGTTCTGAGTGTATGAGGGTAGAGTACTTCTTAGTTAGAGGAAAACCTT
 CTCACCTTTCATCTCCTCCTTTAAAGATTCTGCTTGTCCACCTCACTAGGGACAATT
 TTTCTCCTCTTACCTGCTCCTGATGGAGTTATATTTAGTTCTCACTAAACAAAAGCTGC
 TATTGGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_025231 unedited
 TGCGGCCGCTTTCTAAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGGTCCAGAAAAGTTAATG
 ATGACTGAAGCTTTGACCACATTGGAGGAACTCAAGGTTTCTAAAATAGATTCTTTGAT
 AACTAGTTAGGCCTGAGTGTCCAAAGAACTTTTGATATTACTGCTATATTAGTAGAGTTT
 ATTTGCGGTATGAATCTTTGATGTCTAATAAGAGCTGAACCTACTCGGAAAGGCCTTCC
 ACACTCATCACATTCATAGGGTTTTTACCTGTGTGGATTCTCTGATGCTGAATAAGACC
 TGTGCGCCCACTGAAGTCTTTCCACATTTTACATTTATAGGGTTTTACTCCCCTGTG
 TACTCTATGATGTCCAATGAGATGTGAGCGCTGAAAGAAAGCTTTTCCCACTCATCACA
 TTTATAGGGTTTCTTTCCCGGGGAGTCTCCGGGGTAACTAAGGCTGACCATGAATGAA
 ATTTTTCCCATTTCTAAATTTTTATGGCCTTTTTCTTTGGGGGCTTTTGAACGCCCC
 TTTTTTAAAAATTTTTGGGCCTAGGGGGCCGGGGGAATTTTTTGGTCAACCGGACTT
 TTATCCCCCGGAATTTCTTTTTTTGGGGGAATTTTTCTTTGGAGAAAACCTTTTTT
 TTTTTTGGGAAAGAAACCCACCCCTTTGGGAAAAAAACCCCGGGGGGTGTTCTAAG
 GGCGGGTTTTTAAAAAGGGGGGGAGGCCCTCCCCCCCCACCATTATTTTTATTGG
 CCG

Restriction Sites:

NotI-NotI

ACCN:

NM_025231

Insert Size:

4230 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_025231.1 , NP_079507.1
RefSeq Size:	1290 bp
RefSeq ORF:	1047 bp
Locus ID:	80345
UniProt ID:	Q9H4T2
Cytogenetics:	6p22.1
Domains:	LER, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a). Variants 1 and 2 both encode the same isoform (a).