

## Product datasheet for **SC320496**

### ZNF447 (ZSCAN18) (NM\_023926) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF447 (ZSCAN18) (NM_023926) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF447
Synonyms:	ZNF447
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\_023926.3  
 GGGCGGCTGGGACCGCCTGGGGTAGCTGCGCAGCAGGTGGGTCCCGGGATGCAG  
 CGCGGGGGTACAGAGCGACCCCAACAGGGTAGACGGTGAAGACGCCTCAGTGGGCAGCG  
 TTAGGAAAGGGGCCAGGGTGTCCCGGGTGGGGTGCAGCCCCCGCTGTGCGTCCAG  
 GAGGCCGAGGGTCTGGCATCCCTTCGCGTGGAGTGCAGGGCAGGGCCGGTCCCCCGG  
 AGGTGGCTGAGATCCAGATCGGTGAGGGCCCTGCAGGCAGGTCTGTGGTTCTGGCACC  
 ACCTGAGCCCACTGGGCATCTGGTCATCCCTGGCACCTCTCCTTTGGAGCCACCTGTGCC  
 CTGGCTAGACAGTACATTTTCCAGTGCCGTTTTGGAAAAGATGTTGCCTTTGGAGAAGGC  
 GTTTGCCTCCCCAGGAGCTCCCCAGCCCCGCCGATCTGCCACGCCGGGGTACAGCAGC  
 CGGAGTCCAGCAGGAAGAACCCGAGACCATCCCTGAGAGGACCCCTGCTGACCTGGAGTT  
 CTCCCGCTGCGTTTCCGGGAATTTGTCTACCAGGAGGCTGCCGGGCCACCAGACCT  
 GGCCCGGCTGCATGAGCTGTGCCCCAGTGGCTGATGCCTGAGGCGCGCTCCAAGGAGCA  
 GATGCTGGAGCTGCTGGTCTGGAGCAGTTCTGGGCATCCTGCCTGATAAGTCCGGCC  
 CTGGGTGGTGGCACAGTACCCTGAGAGCTGCAAGAAGGCAGCCTCCCTGGTGGAGGGCT  
 CGCTGATGTCCTGGAAGAGCCAGGGATGCTGCTGGGCTCCCTGCGGGCTCATCTCAAT  
 TCTTAGCGATGGAGTGTACGAGAGGCACATGGACCCTCTGCTGCTACCAGCGAGCTCGC  
 GAGCCCCAGCCAGCCCTTGGAGCTGGGGAGATCCCGGCACCTTCTGAGACACCTGGCT  
 TTCTCCGACCCCTGTTTCTGGAACAGAGGAGGGTACAGAGAAGCAAAGACCGAAGAGGA  
 CGGCCCTGCCAACCCGAGCAGAAGCTGAAGTCTTTCCAGAGGACCCCTCAGCACCTGGG  
 GGAGTGGGGCCACCTGGACCCTGCCGAGGAGAACCTGAAGAGCTACCGAAGCTGCTCCT  
 GTGGGGTATCAGCTTTCCAGCCTGACGCTGCCTCCAGGCTGGACACTGAGGAACTCCG  
 GTTGGTGGAAAGAGATCCACAAGGAAGCAGCCTCCAGAAGGCGGGAGGGCCAGGAGAG  
 CGCTGGTGCCTGCGAGGAGCCGCCCCCGGGGGTGTGCTGCTGAGCTGCCTACGGA  
 GCGCCCCCTGGGAGCCCTTGCAGTCCCGTCCCGGACCACTGAGGAGGAGGAAGA  
 GCAGCCTGGGAAGGCCCGGACCCGAGGACCCCAAGGACGCGGAGTCCGACTCTGCCAC  
 CGGATCGCAGAGGCAGTCCGTCATCCAGCAGCCTGCCCGGACAGGGGCACGGCGAAACT  
 GGGAAACCAAGAGGCCGCACCCGAGGATGGGGACGAGCAGAGCCTCGAGGGCGTCTCTAG  
 CTCCGGCAGCAGCGCAGGGCTGGAGGCCGGCAGGGCCCTGGGGCTGACGAGCCGGGCTT  
 GTCCCGCGGAAGCCCTATGCTGCGGCGAGTGCAGGGAGGCCTTCGCGTGGCTCTCGCA  
 CCTGATGGAGCACACAGCAGCCATGGCGGCCGAAGCGCTACGCTGTCAAGGGTGTG  
 GAAGACCTTCCACTTTCAGCCTGGCCCTAGCCGAGCACCAGAAGACCCACGAGAAGGAGAA  
 AAGCTACGCGCTGGGGGCGCCCGGGGCCCAACCGTCCACCCGGAAGCCAGGCGGG  
 GGCTAGGGCGGGCGGTCCCCAGAGAGCGTGGAGGGCAGGGCTCCCCCGCACCCCCAGA  
 GGCGCAGAGGTGAGCCGCTGTGCTGTCCCGTTCGGAGGGGCGGCTTTCGGCGCGTGA  
 TCCCAGACGAGGCATTGGGCCTTTCACGCCCTGGGTGGCGGCTTCTGTGGTGTTTGT  
 GGACGCTCTGCTGTGCCCTGAATCCGCTCCTGAGGCTAAGCGCTCCCAACGAGAAGG  
 GTCCACGGGAAGCCCTCACCTCTGTAACACACCCTGGGCCAGCGCTCGCATCCGAGGG  
 AGCCCGCGGATGTGGAAGAAGACTCGGCTTTCCTGCAGCCATTTAGTCCGCCCCATGCT  
 AGTTATTTGACATTTGTGCAGTGTAGAGTTGCCTTAAAGTGCCTGATCTGCCAGTCTTT  
 CTCAAGTCACCCTTGCCTCGATTCTCCTGTTTGCCTCCCCAGGGTTGCTCAAGTGGA  
 AATTTTGTGAGCTGTTTACCTTTTCTGACTTGGCGTGTGCAACTTCACTTCTAATCT  
 GCAAAAGCAGAAGCTGTTTCTAGTTTACCTCGCGTGTGTTTACCTATATGGAGTAGCTC  
 GCAGAGATCACAGAAATGCTTGCAGCCTAAGGCAGGGTTTTAGACCGTGGGTCCCAGCC  
 CATTTAGTAAAATGGAAATCAATTAGCAAGTGGTACCAGCATTACACAGCAATGAAGC  
 AGAATAAAGTAGGCCAGAATGCATCATGTAGTAAAGGCAATACTGTTTTGTGAACTTT  
 TCACCCATACATCTAAATGTGAGAACTGGTTGCAATGTAAGACATTTCTGCTGGGAAGT  
 TGTGAGCAAAATAAGTTGAAAACACTAATAAAGATCTGTCTGTCTGAGCAAAGGAGACTA  
 AACTCCTTGGGCTACATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_023926

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_023926.3</a></u> , <u><a href="#">NP_076415.2</a></u>
<b>RefSeq Size:</b>	2795 bp
<b>RefSeq ORF:</b>	1533 bp
<b>Locus ID:</b>	65982
<b>UniProt ID:</b>	<u><a href="#">Q8TBC5</a></u>
<b>Cytogenetics:</b>	19q13.43
<b>Domains:</b>	LER, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses a different segment for its 5' UTR and lacks a coding region segment, which results in the use of a downstream start codon, compared to variant 1. Variants 3 and 4 encode the same protein (isoform 3), which is shorter when it is compared to isoform 1.</p>