

Product datasheet for **SC112341**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_023926, the custom clone sequence may differ by one or more nucleotides

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ATGTTGCCTTTGGAGAAGGCGTTTGCTCCCCAGGAGCTCCCCAGCCCCGCCGGATCTGCCACGCCGG
GGTCAGCAGCCGGAGTCCAGCAGGAAGAACCCGAGACCATCCCTGAGAGGACCCCTGCTGACCTGGAGTT
CTCCCGCTGCGTTTCCGGGAATTTGTCTACCAGGAGGCTGCCGGGCCCCACCAGACCCTGGCCCCGCTG
CATGAGCTGTGCCCCAGTGGCTGATGCCTGAGGCGCGCTCCAAGGAGCAGATGCTGGAGCTGCTGGTGC
TGGAGCAGTTCTGGGCATCCTGCCTGATAAGGTCCGGCCCTGGTGGTGGCACAGTACCCTGAGAGCTG
CAAGAAGGCAGCCTCCCTGGTGGAGGGCCTCGTGATGTCCTGGAAGAGCCAGGGATGCTGCTGGCTCC
CCTGCGGGCTCATCCTCAATTCTTAGCGATGGAGTGTACGAGAGGCACATGGACCCTCTGCTGCTACCAG
GCGAGCTCGCGAGCCCCAGCCAGGCCCTTGGAGCTGGGGAGATCCCGGCACCTTCTGAGACACCCTGGCT
TTCTCCGACCCCTGTTTCTGGAACAGAGGAGGGTCAGAGAAGCAAAGACCCGAAGAGGACGGCCCTGCC
AACACCGAGCAGAAGCTGAAGTCTTTCCAGAGGACCCTCAGCACCTGGGGGAGTGGGGCCACCTGGACC
CTGCCGAGGAGAACCTGAAGAGCTACCGGAAGCTGCTCCTGTGGGGGTATCAGCTTTCCAGCCTGACGC
TGCTCCAGGCTGGACTGAGGAACCTCCGGTTGGTGGAAAGAGATCCACAAGGAAGCAGCCTCCAGAA
GGCGGGAGGCGGCAGGAGAGCGCTGGGTGCGCCTGCGAGGAGGCCGCCCGCGGGGGTGTGCTGAGC
TGCTACGGAGGCGCCCCCTGGGACGCCCTTGCCGATCCCCGTGCGGCACCACTGAGGAGGAGGAAGA
GCAGCCTGGGAAGGCCCCGACCCGAGGACCCAGGACCCAGGACGCGGAGTCCGACTGCCACCGGATCGCA
AGGCAGTCCGTATCCAGCAGCCTGCCCGGACAGGGGCACGGCGAAACTGGGAACCAAGAGGCCCGCACC
CCGAGGATGGGGACGGGACAGAGCCTCGAGGGCGTCTCTAGCTCCGGCGACAGCGCAGGGCTGGAGGCCGG
GCAGGGCCCTGGGGCTGACGAGCCGGGCTGTCCCGGGGAAGCCCTATGCCTGCGGCGAGTGGGGGAG
GCCTTCGCGTGGCTCTCGCACCTGATGGAGCACCACAGCAGCCATGGCGGCCGGAAGCGCTACGCTGTC
AGGGCTGTGGAAGACCTTCCACTTCAGCCTGGCCCTAGCCGAGCACCAGAAGACCCACGAGAAGGAGAA
AAGCTACGCGCTGGGGGGCGCCGGGGCCCCAACCGTCCACCCGGAAGCCAGGCGGGGGCTAGGGCG
GGCGGTCCCCAGAGAGCGTGGAGGGCGAGGCTCCCCCGCACCCCCAGAGGCGCAGAGGTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_023926 unedited TGTAATACGAACTCACTATAGGGCGGCCGGAATTCGCACGAGGCGCACTGGGGCTCCGG GCGGCTGGGACCGGCCTGGGGTAGCTGCGCAGCAGGTCTGTGGGTTCTGGCACCACCTGA GCCCACTGGGCATCTGGTCATCCCTGGCACCTCTCCTTTGGAGCCACCTTGTCCTGGCT AGACAGTCACATTTCCAGTGCCGTTTTGAAAAGATGTTGCCTTTGGAGAAGGCGTTTGC CTCCCCCAGGAGCTCCCCAGCCCCGCCGATCTGCCACGCCGGGGT CAGCAGCCGGAGT CCAGCAGGAAGAACCCGAGACCATCCCTGAGAGGACCCCTGCTGACCTGGAGTTCTCCCG CCTGCGTTTTCCGGGAATTTGTCTACCAGGAGGCTGCCGGGCCCCACCAGACCCTGGCCCC GCTGCATGAGCTGTGCCGCCAGTGGCTGATGCCTGAGGCGCGCTCCAAGGAGCAGATGCT GGAGCTGCTGGTCTGGAGCAGTTCCTGGGCATCCTGCCTGATAAGGTCGGGCCCTGNGT GGTGGCACAGTACCCTGAGAGCTGCAAGAAGGCAGCCTCCTGGTGGAGGGCCTCGCTGA TGTCTGGAAGACCAGGGATGCTGCTGNGCTCCNCTGCGGCTCATCCTCAATTCTTAGC GATGGAGTGTACGAGAGGCACATGGACCCTCTGCTGCTACCAGGCGAGCTCGCGAGCCCC ACCAGGCCCTTGGAGCTGGGGGAGATCCCGCACCTTCTGAGACACCCTGGCTTTCTCCGG ACCCCCCTGTTCTGGGACAGAGGAGGGTCAGAGAAGCAAAGACCCGAGAAGGACGGCCTG CCAACACCGAGCAGAAGCTGAAGTCCTTTTCAGNAGACCCTCAGCACTGGGGGGAGTGG GGCCCCCTGNNACCCTGCGAGAN</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_023926 unedited TTAGAGTCGAGTTTTTTTTCTTTTTTTTTGCTCAGACGACAGATCTTTATTAGTGTTC AACTTATTTTGTCACTTCCCAGCAAGAAATGTCTTACATTGCAACCAGTTCTCACA TTTAGATGTATGGGTGAAAAGTTTCAAAAACAGTATTTGCCTTTACTACATGATGCATT CTGGCCTACTTTATTCTGCTTCATTGCTGTGTAATGCTGGTGACCACTTGCTAATTGATT TCCCATTTTACTAAATGGGCTGGGACCCACGGTCTGAAAACCCTGCCTTAGGCTGCAAGC ATTTCTGTGATCTCTGCGAGCTACTCCATATAGGTAACACACGCGAGGTAAGTAACTAGGAA ACAGCTTCTGCTTTTGCAGATTAGAAGTGAAGTTGACATCACGCCAAGTACGAAAAGGCT AAACAGCTGACAAAATTTCCACTTGAGCAACCCTGCGGAGCGCAAACAGGAGGAATCGGG GCAAGGGTGACTCGAAGAAAGCACTGGCAGATCACGCACTTTAAGGCAACTTACTACTGC ACAATGTTAAATTACCTAGTATGGGCGCGCCCTAAATGGCTGCAGCAAGTCGAGTTTCTT TCACATCCGGCGGTACTCTCGATGCGAGCGCTTGGCCAGGTGTGTTTACAGAGGTGAGGG CTTCCCAGGGCCCTTTTTGTTGGGAGCGCTTACCCTCAGGAGCCGATTATGCCCCCAG CAGAGGACGTTTCAACAACCCAGGAAGCCGCCACCCAGGGCGTGGGAAAGCCCCATGCC TTGCCTGGAATCCCGGCTGGAAAAGTGGCCCTCCGAACGGGAACGACAGCGGTTACCTTG GCCCTTGGGGGGCCGGGGACCTCCCCCTCCCCTCTTGGTGACCGCCCCCTAACCCCTCC CGGCTTCCGTGGCCGGTTGGGCCCGGGCCCCCAGCGAAATTTCTTCCGGGGCTCCG GGTCGGCTAGGCCCTAATGAAGCTTCCACCCCTAAAGCGCATTTTCG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_023926
Insert Size:	2550 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: [NM_023926.3](#), [NP_076415.2](#)

RefSeq Size: 2795 bp

RefSeq ORF: 1533 bp

Locus ID: 65982

UniProt ID: [Q8TBC5](#)

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) 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.