

Product datasheet for **SC326466**

ZNF447 (ZSCAN18) (NM_001145544) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF447 (ZSCAN18) (NM_001145544) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF447
Synonyms: ZNF447
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_001145544, the custom clone sequence may differ by one or more nucleotides

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ATGCTGCTGGGCTCCCCTGCGGGCTCATCCTCAATTCTTAGCGATGGAGTGTACGAGAGG
CACATGGACCCTCTGCTGCTACCAGGCGAGCTCGCGAGCCCCAGCCAGGCCCTTGAGCT
GGGGAGATCCCGGCACCTTCTGAGACACCCTGGCTTTCTCCGGACCCCCTGTTTCTGGAA
CAGAGGAGGGTCAGAGAAGCAAAGACCGAAGAGGACGGCCCTGCCAACACCGAGCAGAAG
CTGAAGTCCTTTCCAGAGGACCCTCAGCACCTGGGGGAGTGGGGCCACCTGGACCCTGCC
GAGGAGAACCTGAAGAGTACCAGGAAAGTCTCCTGTGGGGGTATCAGCTTTCCAGCCT
GACGCTGCCTCCAGGCTGGACTGAGGAACTCCGTTGGTGGAAAGAGATCCACAAGGA
AGCAGCCTCCCAGGCGGGAGGCGGCAGGAGAGCGCTGGGTGCGCCTGCGAGGAGGCCGCC
CCCGCGGGGGTGCTGCCTGAGCTGCCTACGGAGGCGCCCCCTGGGGACGCCCTTGCCGAT
CCCCCGTGGGACCACTGAGGAGGAGGAAGAGCAGCCTGGGAAGGCCCGGACCCGAG
GACCCCAAGGACGCGGAGTCCGACTCTGCCACCGGATCGCAGAGGCAGTCCGTCATCCAG
CAGCCTGCCCCGACAGGGGCACGGCGAAACTGGGAACCAAGAGGCCGCACCCCGAGGAT
GGGGACGGGCAGAGCCTCGAGGGCGTCTCTAGCTCCGGCGACAGCGCAGGGCTGGAGGCC
GGGCAGGGCCCTGGGGCTGACGAGCCGGCTTGTCCCGGGGAAGCCCTATGCCTGCGGC
GAGTGCGGGGAGGCCTTCGCGTGGCTCTGCACCTGATGGAGCACACAGCAGCCATGCC
GGCCGGAAGCGCTACGCCTGTGAGGGCTGCTGGAAGACCTTCCACTTCAGCCTGGCCCTA
GCCGAGCACCAAGACCCACGAGAAGGAGAAAAGCTACGCGCTGGGGGGCGCCCGGGG
CCCCAACCGTCCACCCGGAAGCCAGGCGGGGCTAGGGCGGGCGGTCCCCAGAGAGC
GTGGAGGGCGAGGCTCCCCCGCACCCCAAGAGGCGCAGAGG
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Restriction Sites: Please inquire
ACCN: NM_001145544
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).



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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:	<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:	<u>NM_001145544.1, NP_001139016.1</u>
RefSeq Size:	2250 bp
RefSeq ORF:	1125 bp
Locus ID:	65982
UniProt ID:	<u>Q8TBC5</u>
Cytogenetics:	19q13.43
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) 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. The resulting protein (isoform 2) has a shorter N-terminus when it is compared to isoform 1.