

Product datasheet for **SC326488**

ZNF447 (ZSCAN18) (NM_001145543) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF447 (ZSCAN18) (NM_001145543) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF447
Synonyms:	ZNF447
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC326488 representing NM_001145543.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGTTGCCTTTGGAGAAGGCGTTTGCCTCCCCAGGAGCTCCCCAGCCCCGCCGGATCTGCCACGCCG
GGGTAGCAGCCGGAGTCCAGCAGGAAGAACCCGAGACCATCCCTGAGAGGACCCCTGCTGACCTGGAG
TTCTCCCGCTGCGTTTTCCGGGAATTTGTCTACCAGGAGGCTGCCGGGCCACCAGACCCCTGGCCCGG
CTGCATGAGCTGTGCCGCCAGTGCTGATGCCTGAGGCGCGCTCCAAGGAGCAGATGCTGGAGCTGCTG
GTGCTGGAGCAGTTCTGGGCATCCTGCCTGATAAGGTCCGGCCCTGGTGGTGGCACAGTACCCTGAG
AGCTGCAAGAAGGCAGCCTCCCTGGTGGAGGCCCTCGCTGATGCTCTGGAAGAGCCAGGGATGCTGCTG
GGCTCCCTGCGGGCTCATCCTCAATTCTTAGCGATGGAGTGTACGAGAGGCACATGGACCCTCTGCTG
CTACCAGGCGAGCTCGGAGCCCCAGCCAGGCCCTTGGAGCTGGGGAGATCCCGGCACCTTCTGAGACA
CCCTGGCTTTCTCCGGACCCCTGTTTCTGGAACAGAGGAGGGTCAGAGAAGCAAAGACCGAAGAGGAC
GGCCCTGCCAACCCGAGCAGAAGCTGAAGTCCTTCCAGAGGACCCCTCAGCACCTGGGGGAGTGGGGC
CACCTGGACCCTGCCGAGGAGAACCTGAAGAGCTACCGGAAGCTGCTCCTGTGGGGTATCAGCTTCC
CAGCCTGACGCTGCCTCCAGGCTGGACACTGAGGAACTCCGGTTGGTGGAAAGAGATCCACAAGGAAGC
AGCCTCCAGAAGGCGGGAGGCGGCAGGAGAGCGCTGGGTGCGCCTGCGAGGAGGCCGCCCCCGCGGGG
GTGCTGCCTGAGCTGCCTACGGAGGCGCCCCCTGGGGACGCCCTTGCCGATCCCCCGTGGGCACCACT
GAGGAGGAGGAAGAGCAGCCTGGGAAGGCCCGGACCCGAGGACCCCGAGGACCGGAGTCCGACTCT
GCCACCGGATCGCAGAGGCAGTCCGTATCCAGCAGCCTGCCCGGACAGGGGCACGGCGAAACTGGGA
ACCAAGAGGCCCGACCCCGAGGATGGGGACGGGCAGAGCCTCGAGGGCGTCTCTAGCTCCGGCGACAGC
GCAGGGCTGGAGCCGGGCAGGGCCCTGGGGCTGACGAGCCGGGCTTGTCCCGGGAAGCCCTATGCC
TGCGGCGAGTGGGGGAGGCCTTCGCGTGGCTCTCGCACCTGATGGAGCACACAGCAGCCATGGCGGC
CGGAAGCGCTACGCCTGTGAGGGCTGCTGGAAGACCTTCACTTACGCTGGCCCTAGCCGAGCACCAG
AAGACCCACGAGAAGGAGAAAAGCTACGCGCTGGGGGGCGCCGGGGCCCCAACCGTCCACCCGCGAA
GCCAGGCGGGGGCTAGGGCGGGCGGTCCCCAGAGAGCGTGGAGGGCGAGGCTCCCCCGCACCCCA
GAGGCGCAGAGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001145543

Insert Size: 1533 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).

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_001145543.1</u>
RefSeq Size:	2716 bp
RefSeq ORF:	1533 bp
Locus ID:	65982
UniProt ID:	<u>Q8TBC5</u>
Cytogenetics:	19q13.43
Protein Families:	Transcription Factors
MW:	54.8 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) 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.