

Product datasheet for **SC113251**

ZNF307 (ZKSCAN4) (NM_019110) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF307 (ZKSCAN4) (NM_019110) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF307
Synonyms:	P1P373C6; ZNF307; ZNF427; ZSCAN36
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_019110, the custom clone sequence may differ by one or more nucleotides

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ATGGCTAGAGAACCGAGAAAAAACGACGCCCTGGACGCCAGTCTGCAGAAGACCAGACGGGGCTCCTGA
CCGTGAAGGTGGAGAAGGAGGAAGCCTCCGCCTTGACGGCGGAGGTGAGAGCACCTGCAGCCCTGCTCG
GGCCCCGAACGCTCCCGCCAGCGCTCCGAGGCTTCCGCTACCCGGAGGCTGCGGGCCCCCGAGGCG
TTGAGCCGGCTCCGAGAACTCTGCGGACAATGGCTGCAGCCTGAGATGCACAGCAAGGAGCAGATCCTGG
AGCTGCTGGTGTGGAGCAGTTCCTGACCATCCTGCCGGGAATCTGCAGAGCTGGTGCGGGAGCAGCA
TCCAGAGAGCGGGGAGGAGGTGGTGGTCTATTGGAGTATTTGGAGAGGCAGCTGGATGAGCCGGCGCCG
CAGGTTCCCGTTGGTGACCAGGGCAAGAACTGCTCTGTTGCAAGATGGCACTATTGACACAAACTCAAG
GGTCTCAAAGTAGCCAGTGCCAGCCAATGAAGGCTCTGTTCAAGCATGAATCTCTGGGATCCCAGCCCTT
ACACGATAGAGTTCCTCAGGTTCTGGGCTTGCCAGGGAGGGTCTGCAGAGAAGATGCAATGGTAGCT
TCCAGGCTCACTCCAGGTTCCAGGTTTGTCTGAAAATGGAAGATGTGGCCCTGACCCTCACTCCTGGGT
GGACACAGCTGGATTCATCTCAGGTGAACCTCTACAGAGATGAAAAGCAGGAGAACCATAGCAGCCTGGT
CTCCCTGGTGGTGAAATACAGACTAAGAGCAGGACTTGCCCTCAGTCAAGAAGCTTCCAGAAAAGGAG
CATGGGAAGATATGCCACCTGAGGGAAGACATTGCCCAGATTCTACACATGCAGAAGCTGGTGAACAGG
AGGGCAGGTTACAAAGAAAGCAGAAAAATGCCATAGGGAGTAGGCGACATTATTGCCATGAATGTGGAAA
GAGTTTTGCTCAAAGTTCAGGCCTGACTAAACACAGGAGAATCCACACTGGTGAGAAACCCTATGAATGT
GAAGACTGTGAAAGACCTTCATTGGGAGCTCTGCCCTTGTCATTCATCAGAGAGTCCACACTGGTGAGA
AGCCATATGAGTGTGAAGAATGTGGTAAAGTCTCAGTCACAGCTCAAACCTTATCAAACACCAGAGAAC
CCACACTGGGGAGAAGCCCTATGAGTGTGATGACTGTGGGAAGACCTTCAGCCAGAGCTGCAGCCCTCCTT
GAACATCAAAAATTCATACTGGGGAGAAGCCATACCAGTGCAATATGTGTGGCAAAGCCTTATGGCGGA
ATTACATCTCCTGAGACATCAGAGGATTCATGGTGATAAAAAATGTTCAAGATCCTGAGCACGGGGAGTC
CTGGGAAAGTCAGGGTAGGACGGAAGCCAGTGGGAAAATACTGAGGCTCCCGTGTCTTATAAATGTAAT
GAGTGTGAGAGAAGTTTACACGGAATAGAAGTCTTATTGAACATCAGAAAATCCACACTGGTGAGAAAAC
CCTATCAGTGTGACACATGTGGAAAAGTTTCACTCGAACTTCATACCTGTTCAACATCAGAGAAGCCA
TGTAGGGAAAAAACTCTTTCACAGTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_019110 unedited

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CGGTCACATTTGTATACGACTCCTATAGGCGGCNCGCAATTCGCACGAGGCCAGCCCTC
AACTTCCCTCCTTGTCTGGAGAGTGATCACTTTCACTCCCAAAGACATCCTTTGGTGATA
CTTACTGTGGGATTACAGAGTGGGGTGCAGAGGACGACCCTGCAAAGGCACGGACTATAAG
AGAGATCTGTGCAGCTGCGCCTCAGGGGGTGTCTGGGCCCTGGGCATGACAGGAGGGG
GACCCTTGACAGTTCCTACTGAAAAATTTACCACCCTTCCAGAATCCTCTGAAGATATACA
GGTCGCAACTAGAGTGAGACCCGAGTACTGCCTTGGGTGAGAATGGCTAGAGAACCAGAGA
AAAAACGCAGCCCTGGACGCCAGTCTGCAGAAGACCAGACGGGGCTCCTGACCGTGAAG
GTGGAGAAGGAGGAAGCCTCCGCCCTTGACGGCGGAGGTGAGAGCACCTGCAGCCCTGCT
CGGGGCCCGAACGCTCCCGCCAGCGCTTCCGAGGCTTCCGCTACCCGGAGGCTGCGGGC
CCCCGCGAGGCGTTGAGCCGGCTCCGAGAATCTGCGGACAATGGCTGCAGCCTGAGATG
CACAGCAAGGAGCAGATCCTGGAGCTGCTGGTGTGGAGCAGTTCCTGACCATCTGCCG
GNGAATCTGCAGAGCTGGGTGCGGGAGCAGCATCCAGAGAGCGGNGAGGAGGTGGTGGT
CTATTGGAGTATTTGGAGAGGCAGCTGGATGAGCCGGCGCCGAGGTTCCCGTTGGTGAC
CCAGGGGCAGAACTGCTCTGNTGCAAGATGGCACTATTGACACANACCTCAGGGTCTCNA
AGTAGCCAGTGCCAGCCAATGAAGGCTCTGTTCAAGCTGAATCTCTGGGATCCCAGCCCT
ACCCCATAGAGTNCCT
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_019110 unedited TGAACCGCGGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTACTGGTACATTTA ATAAATGTTTATTAGCACCTATCATACAAGGCACAAAGAAGAGTAAAAGACCTCATGGAT CTGACCAATTTGTGAAAGATTCTTAGAGGC AAAATGAATGGTCAGAGCAGCAGCCCCC ACATCAGAGCCATCCAACCAGATGTCCTAAAGTGCTGGCTGAGGGCAATTAACAAGTCCA GAAGGCCATTTAAATACACTGGGTGAGAACAACTATTTTAGGTCCTACAACCTCCAGAC CACTCTCCCATGGCCTTATCAAAATGACTTCTTCCAATCACTTTCTAGAATGTAGAAGA TAACTCATCGTCTCAGCCAGACTACATTTTCTAATACCCGATGATGTATAGTGGTAAATA AAGCCCTGGTCCACAATTTCTGTAACCATTAAGGGCTCCAGGGTGGCTTCAGTTCAGTGA CAAATGAGCACCAATGTTGGCATGAATACCATGGGTCACTGTGAAAGAGTTTTTTTCCCT ACATGGCTTCTCTGATGTTGAACAAGGTATGAAGTTCGAGTGAAACCTTTTCCACATGTG TCACACTGATAGGGTTTCTCACCAGTGTGGATTTTCTGATGTTCAATAAGACTTCTATTC CGTGTGAAACTTCTCTCACACTATTACATTTATAAGACACGGGAGCCTCAGTATTTTCC CACTGGCTTTCCGTCCTACCCTGACTTTCCAGNACTCCCGTGCTCCAGGATTCTGACA TTTTATCACCATGAATTCTCTGATGTCTCAGGAGATGTGAATCCCGCCTAAGGCTTTCGC ACACTATGGCACTGGTATGGTTTCTCCAATATAATTTTTGGGAAGTTCAAGGAGGCTGC CGCTTTGGT
Restriction Sites:	NotI-NotI
ACCN:	NM_019110
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:	<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_019110.3</u> , <u>NP_061983.2</u>
RefSeq Size:	2307 bp
RefSeq ORF:	1638 bp
Locus ID:	387032
UniProt ID:	<u>Q969J2</u>
Cytogenetics:	6p22.1
Domains:	KRAB, LER, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

May be involved in the transcriptional activation of MDM2 and EP300 genes.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.