

## Product datasheet for **SC320405**

### 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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_019110.3  
 CCAAAGACATCCTTTGGTGATACTTACTGTGGGATTTCAGAGTGGGGTGCAGAGGACGACC  
 CTGCAAAGGCACGGACTATAAGAGAGATCTGTGCAGCTGCGCCTCAGGGGTGTCCTGGG  
 CCCCTGGGCATGACAGGAGGGGGACCACCTTGCAGTTCTACTGGAAAATTTACCACCCTTC  
 CAGAATCCTCTGAAGATATACAGGTCGCAACTAGAGTGAGACCCGAGTACTGCCTTGGGT  
 CAGAATGGCTAGAGAACCAGAAAAACGCAGCCCTGGACGCCAGTCTGCAGAAGACCA  
 GACGGGGTCTGACCGTGAAGGTGGAGAAGGGAAGCCCTCCGCCTTGACGGCGGAGGT  
 GAGAGCACCTGCAGCCCTGCTCGGGGCCCGAACGCTCCCGCCAGCGCTTCCGAGGCTT  
 CCGCTACCCGGAGGCTGCGGGCCCCGCGAGGCCTTGGAGCCGGCTCCGAGAACTCTGCGG  
 ACAATGGCTGCAGCCTGAGATGCACAGCAAGGAGCAGATCCTGGAGCTGCTGGTGTGGA  
 GCAGTTCTGACCATCTGCCGGGAATCTGCAGAGCTGGGTGCGGGAGCAGCATCCAGA  
 GAGCGGGAGGAGGTGGTGGTCTATTGGAGTATTTGGAGAGGCAGCTGGATGAGCCGGC  
 GCCGAGGTTCCCGTTGGTGACCAGGGCAAGAACTGCTCTGTTGCAAGATGGCACTATT  
 GACACAACTCAAGGGTCTCAAAGTAGCCAGTCCAGCCAATGAAGGCTCTGTTCAAGCA  
 TGATCTCTGGGATCCCAGCCCTTACACGATAGAGTTCTCCAGGTTCTGGGCTTGGCCA  
 GGGAGGGTGTGCAGAGAAGATGCAATGGTAGCTTCCAGGCTCACTCCAGGGTCCAGGG  
 TTTGCTGAAAATGGAAGATGTGGCCCTGACCCTCACTCCTGGGTGGACACAGCTGGATTC  
 ATCTCAGGTGAACCTCTACAGAGATGAAAAGCAGGAGAACCATAGCAGCCTGGTCTCCCT  
 TGGTGGTGAATACAGACTAAGAGCAGGGACTTGCCTCCAGTCAAGAAGCTTCCAGAAAA  
 GGAGCATGGGAAGATATGCCACCTGAGGGAAGACATTGCCAGATTCTACACATGCAGA  
 AGCTGGTGAACAGGAGGGCAGGTTACAAAGAAAGCAGAAAAATGCCATAGGGAGTAGGGC  
 ACATTATTGCCATGAATGTGAAAGAGTTTTGCTCAAAGTTCAGGCCTGACTAAACACAG  
 GAGAATCCACACTGGTGAGAAACCCTATGAATGTGAAGACTGTGGAAGACCTTCATTGG  
 GAGCTCTGCCCTTGTCATTCATCAGAGAGTCCACACTGGTGAGAAGCCATATGAGTGTGA  
 AGAATGTGGTAAGGTCTTCAGTACAGCTCAAACCTTATCAAACACCAGAGAACCACAC  
 TGGGGAGAAGCCCTATGAGTGTGATGACTGTGGGAAGACCTTCAGCCAGAGCTGCAGCCT  
 CCTTGAACATCACAAAATTCATACTGGGGAGAAGCCATACCAGTGAATATGTGTGGCAA  
 AGCCTTTAGGCGGAATTCACATCTCCTGAGACATCAGAGGATTCATGGTGATAAAAATGT  
 TCAGAATCCTGAGCACGGGGAGTCTGGGAAAGTCAAGGTAGGACGAAAGCCAGTGGGA  
 AAATACTGAGGCTCCCGTGTCTATAAATGTAATGAGTGTGAGAGAAGTTTCACACGGAA  
 TAGAAGTCTTATTGAACATCAGAAAATCCACACTGGTGAGAAACCCTATCAGTGTGACAC  
 ATGTGGAAAAGGTTTCACTCGAACTTCATACCTTGTTCACATCAGAGAAGCCATGTAGG  
 GAAAAAACTCTTTCACAGTGACCCATGGTATTATGCCAACATTGGTGCTCATTGTGCA  
 CTGAACTGAAGCCACCCTGGAGCCCTAATGGTTACAGAAAATTTGGACCAGGGCTTTAT  
 TTACCATAACATCATCGGGTATTAGAAAATGTAGTCTGGCTGAGACGATGAGTTATCT  
 TCTACATTCTAGAAAAGTATTGGAAGAAGTCATTTGATAAGAGGCCATGGGAGAGTGGTC  
 TGGAAAGTTGTAGGACCTAAAATAGTTTGTCTCACCCAGTGTATTTAAATGGCCTCTGG  
 ACTTGTAAATGGCCTCAGCCAGCACTTAGGACATCTGGTTGGATGGCTCTGATGTGGG  
 GGGCTGCTGCTGACCATTCAATTTGCCTCTAATGAATCTTTCACAAAATGGTCAGATC  
 CATGAGAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_019110

**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).

<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_019110.3</a></u> , <u><a href="#">NP_061983.2</a></u>
<b>RefSeq Size:</b>	2307 bp
<b>RefSeq ORF:</b>	1638 bp
<b>Locus ID:</b>	387032
<b>UniProt ID:</b>	<u><a href="#">Q969J2</a></u>
<b>Cytogenetics:</b>	6p22.1
<b>Domains:</b>	KRAB, LER, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>May be involved in the transcriptional activation of MDM2 and EP300 genes. [UniProtKB/Swiss-Prot Function]</p> <p>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.</p>