

## Product datasheet for **SC328995**

### ZNF300 (NM\_001172831) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF300 (NM_001172831) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF300
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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<b>Fully Sequenced ORF:</b>	<p>&gt;NCBI ORF sequence for NM_001172831, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGTGCCTGCTGAGACTTCTTCATCTGGCCTTTTGAAGAGCAAAAAATGATGAAGTCC CAGGGGTTAGTATCATTCAAGGATGTGGCTGTGGATTTTCAACCAGGAGGAGTGCCAGCAA CTTGACCTTCTCAGAGGACCCTGTACAGGGATGTGATGCTGGAGAACTACGCCACCTG GTCTCAATGGGGTATCCAGTTTCCAAACCAGATGCATCTCCAAGTTGGAACAAGGAGAA GAGCCATGGATCATAAAGGGGAGACATATCAAATTGGATCTATCCAGATGAATATCAGGCA GATGGGAGACAAGACAGGAAGAGTAACCTTCACAACCTCCAGTCATGTATTTGGGGACA GTTTCCTTCCATCATAAGATACTGAAAGGAGTCAAGGGATGGTTCATTGTGCTCCATT TAAAAAGTCTGTCAAGGTGATGGTCAGCTGCAGAGATTTCTAGAGAATCAAGACAAACTC TTCAGGCAGGTCACATTTGTTAACAGCAAAACAGTGACTGAGGCATCAGGGCATAAATAT AATCCACTGGGGAAAATATTTCAAGAGTGCATAGAAACAGATATATCAATACAGAGATTC CATAAATATGATGCTTTTAAAAAGAACTTAAAACCAAATATTGACCTACCGAGTTGTTAT AAGAGCAATTCAAGAAAAAACCTGATCAGAGTTTTGGAGGTGGAAAATCATCTAGCCAG AGTGAGCCCAATTCTAATCTTGAGAAGATTCACAATGGAGTAATACCTTTTGATGATAAT CAGTGTGGAACGTTTTTAAAAATACACAATCCCTTATTCAAATATCAGAAATGTGGAACCT AAAGAGAAAAGCTGTGTATGTGTACATGTGGAAGCCTTTGCTAAGAAGTCAACAACCTC ATTGTACATCAAAGAATTCATACTGAAAAGAAACCATATGATTGTGGTGCATGCGGAAAA GCCTTCAGTGAGAAGTTTCATCTTGTGTACATCAGAGAACTCATACTGGGGAGAAAACCT TATGATTGTTCTGAATGTGGAAGCCTTCTCTCAGAAATCGTCCCTTATTATACATCAG AGAGTTCACACTGGGGAAAAACCTATGAATGTAGTGAATGCGGGAAAGCCTTCTCCCAG AAATCACCCCTCATTATACATCAGAGAATACATACTGGGGAAAAACCTATGAATGTAGA GAGTGTGGGAAGCCTTTTCCAGAAAGTACAGCTGATTATACACCACAGAGCTCATACT GGAGAGAAGCCGTATGAGTGTACCGAATGTGGAAAGCCTTCTGTGAGAAGTCCCACCTC ATTATACATAAAAGAATTCACACTGGTGAGAAACCTACAAATGTGCTCAATGTGAGGAA GCCTTCAGCAGGAAGACAGAACTCATTACACATCAGTTAGTTCATACTGGGGAAAAACCT TATGAATGTACTGAATGTGGAAGACATTCTCCCGCAAGTACAGCTCATCATAACATCAG AGAACACATACTGGAGAAAAACCTATAAATGTAGTGAATGTGGCAAAGCCTTCTGCCAG AAGTCACATCTCATTGGACATCAGAGAATTCACACAGGAGAAAAACCTTATATATGACT GAATGTGGAAAGCCTTCTCTCAGAAGTCCCACCTTCCGGGACACCAGCGAATTCATACA GGAGAGAAACCTTACATATGTGCTGAATGTGGAAGGCCTTTTCTCAGAAGTACAGCCTT GTTTTACATCAGAGGATTCATACTGGGGAAAGACCTATCAATGTGCTATATGTGGGAAG GCCTTCATCCAGAAGTCAACAATACTGTACACCAGAGAATTCACACAGTGGTAAATCA TAA </pre>
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001172831
<b>OTI Disclaimer:</b>	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).

**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\\_001172831.1](#), [NP\\_001166302.1](#)

**RefSeq Size:** 3337 bp

**RefSeq ORF:** 1863 bp

**Locus ID:** 91975

**UniProt ID:** [Q96RE9](#)

**Cytogenetics:** 5q33.1

**Protein Families:** Transcription Factors

**Gene Summary:** The protein encoded by this gene is a C2H2-type zinc finger DNA binding protein and likely transcriptional regulator. The function of this protein is not yet known. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2010]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).