

Product datasheet for **SC328926**

ZNF300 (NM_001172832) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF300 (NM_001172832) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF300
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_001172832, the custom clone sequence may differ by one or more nucleotides <pre> ATGCTGGAGAACTACAGCCACCTGGTCTCAATGGGGTATCCAGTTTCAAACCAGATGTC ATCTCCAAGTTGGAACAAGGAGAAGAGCCATGGATCATAAAGGGAGACATATCAAATTGG ATCTATCCAGATGAATATCAGGCAGATGGGAGACAAGACAGGAAGAGTAACCTTCACAAC TCCCAGTCATGTATTTTGGGACAGTTTCCTTCCATCATAAGATACTGAAAGGAGTCACA AGGGATGGTTCATTGTGCTCCATTTTAAAGTCTGTCAAGGTGATGGTCAGCTGCAGAGA TTTCTAGAGAATCAAGACAAACTCTTCAGGCAGGTCACATTTGTTAACAGCAAAACAGTG ACTGAGGCATCAGGGCATAAATATAATCCACTGGGGAATATTTCAAGAGTGCATAGAA ACAGATATATCAATACAGAGATTCCATAAATATGATGCTTTTAAAAAGAACTTAAACCA AATATTGACCTACCGAGTTGTTATAAGAGCAATTCAAGAAAAAACCTGATCAGAGTTTT GGAGGTGGAATCATCTAGCCAGAGTGAGCCCAATTCTAATCTTGAGAAGATTCACAAT GGAGTAATACCTTTTGATGATAATCAGTGTGGAACGTTTTTAGAAATACACAATCCCTT ATTCAATATCAGAATGTGAAACTAAAGAGAAAAGCTGTGTATGTGTACATGTGAAAA GCCTTTGCTAAGAAGTCACAACCTATTGTACATCAAGAATTCATACTGGAAAGAAACCA TATGATTGTGGTGCATGCGGAAAAGCCTTCAGTGAGAAGTTTCATCTTGTGTACATCAG AGAACTCATACTGGGAGAAACCTTATGATTGTTCTGAATGTGGAAGCCTTCTCTCAG AAATCGTCCCTTATTATACATCAGAGAGTTCACACTGGGGAACCTTATGAATGTAGT GAATGCGGGAAGCCTTCTCCAGAAATCACCCCTCATTATACATCAGAGAATACATACT GGGGAACCTTATGAATGTAGAGAGTGTGGGAAGCCTTTCCAGAGTCACAGCTG ATTATACACCACAGAGCTCATACTGGAGAGAAGCCGTATGAGTGTACCGAATGTGGGAA GCCTTCTGTGAGAAGTCCACCTCATTATACATAAAAGAATTCACACTGGTGAGAAACCC TACAAATGTGCTCAATGTGAGGAAGCCTTCAGCAGGAAGACAGAACTATTACATCAG TTAGTTCACTGGGGAACCTTATGAATGTACTGAATGTGGAAGACATTCTCCCGC AAGTCACAGCTCATCATACATCAGAGAACATACTGGAGAAAAACCTATAAATGTAGT GAATGTGGCAAAGCCTTCTGCCAGAAAGTACATCTCATTGGACATCAGAGAATTCACACA GGAGAAAAACCTTATATGTACTGAATGTGGGAAGCCTTCTCAGAAAGTCCACCTT CCGGGACACCAGCAATTCATACAGGAGAGAAACCTTACATATGTGCTGAATGTGGAAG GCCTTTTCTCAGAAAGTACAGCTTGTGTTTACATCAGAGGATTCATACTGGGGAAGACCC TATCAATGTGCTATATGTGGGAAGCCTTCATCCAGAAGTCACAATACTGTACACCAG AGAATTCACAGTGGTAAAATCATAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001172832
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:	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_001172832.1, NP_001166303.1</u>
RefSeq Size:	3240 bp
RefSeq ORF:	1707 bp
Locus ID:	91975
UniProt ID:	<u>Q96RE9</u>
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 (3) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (3) is shorter at the N-terminus compared to isoform 1.