

Product datasheet for **SC306155**

ZNF700 (NM_144566) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF700
Vector:	<u>pCMV6 series</u>



Fully Sequenced ORF: >NCBI ORF sequence for NM_144566, the custom clone sequence may differ by one or more nucleotides

```

ATGCCCTGCTGTAGTCACAGGAGCTGTAGAGAGGACCCCGGTACATCTGAAAGCCGGGAA
ATGGACCCAGTGGCCTTTGAGGATGTGGCTGTGAACTTCACCCAGGAAGAGTGGACATTG
CTGGATATTTCCAGAAGAATCTTTCAGGGAAGTGATGCTGGAACTTTCAGGAACCTG
ACCTCTATAGGAAAAAATGGAGTGACCAGAACATTGAATATGAGTACCAAAACCCAGAG
AGAAGCTTCAGGAGTCTCATAGAAGAGAAAGTCAATGAAATTAAGAAGACAGTCATTGT
GGAGAACTTTTACCCAGGTTCCAGATGACAGACTGAACTTCCAGGAGAAGAAAGCTTCT
CCTGAAGTAAATCATGTGACAGCTTTGTGTGTGCAGAAGTTGGCATAGGTAACATCTCT
TTTAATATGAGCATCAGAGGTGACACTGGACACAAGGCATATGAGTATCAGGAATATGGA
CCAAAGCCATATAAGTGCAACAACCTAAAAATAAGAAAGCCTTCAGGTATCGCCATCC
ATTAGAACACAAGAAAGGGATCACACTGGAGAGAAACCCTATGCTTGTAAAGTCTGTGGA
AAAACCTTTATTTTCCATTCAAGCATTGGAAGACACATGGTAATGCACAGTGGGGATGGA
ACTTATAAATGTAAATTTGTGGGAAAGCCTTCCATTCTTTCAGTTTATATCTTATCCAT
GAAAGAAGTCACTGGAGAGAAACCATATGAATGTAACAATGTGGTAATCCTTTACT
TATTCTGCTACCTTCAAATACATGAAAGAACTCACACTGGGAGAGAAGCCCTATGAATGT
AGCAATGTGATAAAGCATTTCATAGTTCTAGTTCCTATCATAGACATGAAAGAAGTCAC
ATGGGAGAGAAGCCTTATCAATGCAAGAATGTGGAAAGCATTTCATATACAGTTCT
CTTCGTAGACATGAAAGGACCCACTCTGGGAAAAACCGTATGAATGTAAGCAATATGGG
GAAGGCTTATCCTATCTTATAAGTTTCAAACACACATAAGAATGAAGTCTGGAGAAAGA
CCTTATAAATGTAAAGTATGTGGGAAAGCCTTTATTCTGCAAGTCATTTCAAACACAT
GAAAAAAGTCACTGGAGAGAAACGCTATAAATGCAAGCAATGTGGTAAGCCTTCAAT
CTTTCAGTTCTTTCGATATCATGAAAGGATTCACTGGAGAGAAACCTATGAGTGT
AAGCAGTGTGGGAAAGCCTTCAGATCTGCCTCACAGCTTCGAGTGCACGGTGGGACTCAC
ACTGGAGAGAAACCTATGAATGTAAGGAATGTGGGAAAGCCTTCAGATCTACCTCACAC
CTTCGAGTGCATGGTAGGACTCATACTGGAGAGAAACCTATGAATGTAAGGAATGTGGG
AAAGCCTTCAGATATGTGAAGCACCTTCAAATTCATGAAAGGACAGAAAAACACATAAGA
ATGCCCTCTGGAGAAAGACCTTATAAATGTAGTATATGTGAGAAAGGCTTTTATTCTGCC
AAGTCATTTCAAACACATGAAAAAAGTCACTGGAGAGAAACCTATGAATGCAACCAA
TGTGGTAAAGCCTTCAGATGTTGCAATTCCTTCGATATCATGAAAGGACTCACACTGGA
GAGAAACCTATGAGTGAAGCAATGTGGGAAAGCCTTCAGATCTGCCTCACACCTTCGA
ATGCATGAAAGGACTCACACTGGAGAGAAACCTATGAGTGAAGCAATGTGGGAAAGCC
TTCAGTTGTGCCTCAAACCTTCGAAAGCATGGTAGGACTCACACTGGAGAGAAACCTAT
GAGTGAAGCAATGTGGGAAAGCCTTCAGATCTGCCTCAAACCTTCAGATGCATGAAAGG
ACTCACACTGGAGAGAAACCTATGAATGTAAGGAATGCGAAAAAGCATTCTGTAAATTC
TCTTTCTTTTCAAATACATGAAAGGAAGCACAGAGGAGAGAAGCCCTATGAATGTAAGCAT
TGTGGGAATGGATTACATCTGCCAAGATTCTTCAAATACATGCAAGAACACACATTGGA
GAGAAACACTATGAATGTAAGGAATGCGGAAAAGCATTCAATTATTTTCTTCTTCAT
ATACACGCAAGGACTCATATGGGAGAGAAGCCATATGAATGTAAGGATTGTGGGAAAGCA
TTCAGCTAG

```

Restriction Sites: Please inquire

ACCN: NM_144566

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_144566.1 , NP_653167.1
RefSeq Size:	2884 bp
RefSeq ORF:	2229 bp
Locus ID:	90592
UniProt ID:	Q9H0M5
Cytogenetics:	19p13.2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter isoform (1).