

## Product datasheet for **SC300253**

### ZNF470 (NM\_001001668) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF470 (NM_001001668) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF470
Synonyms:	CZF-1
Vector:	<u>pCMV6 series</u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001001668, the custom clone sequence may differ by one or more nucleotides

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ATGAAGAGCCAGGAAGAGGTAGAGGTGGCAGGAATTAACCTTTGTAAAGCCATGTCCCTG
GGTTTCAGTGACTTTCACAGATGTGGCCATAGACTTTTCCCAAGATGAATGGGAGTGGCTG
AATCTTGCTCAGAGAAGTTTGTACAAGAAGGTGATGTTAGAAAACACAGGAACCTAGTT
TCAGTGGGTCTTTGCATTTCTAAACCAGATGTGATCTCCTTACTGGAGCAAGAGAAAGAC
CCTTGGGTGATAAAAGGAGGGATGAACAGAGGCCTGTGCCAGACTTGGAGTGTGTGTGG
GTGACCAATCATTATCTTTAAACCAGGATATTTATGAAGAAAAATTACCCCGCAATC
ATAATGGAAGACTTAAAGCTATGACCTTGAATGTTCAACATTAGGGAAAAACTGGAAA
TGTGAAGACTTGTGGAGAGGAGCTTGTAAACCAGAAGACACATTTTAGGCAAGAGACC
ATCACTCATATAGATACTCTTATTGAAAAAGAGATCACTCTAACAAATCTGGGACAGTT
TTTCATCTGAATACATTATCTTATATAAAACAGATTTTCCCATGGAAGAGAGAATATTT
AATTTTCATACAGATAAGAAAAGCTTAAAAACACATTCAGTTGTGAAAAACACAAGCAA
GACCGTGGAGAAAAGAACTTTTAAAAATGTAATGACTGTGAGAAAATATTCAGCAAATC
TCAACCTTACTCTTACCAAAGAATTCATACAGGAGAGAAAACCTATGAATGTATTGAA
TGTGAAAAGGCCTTAGCCAGAGTGCCACCTTGCTCAACATCAGAGAATACACACAGGA
GAAAAACCTTTTGAATGACTGAATGTGGGAAAGCCTTCAGCCAGAATGCTCATCTTGT
CAACACCAGAGAGTTCATACTGGAGAGAAAACCTTATCAGTGTAAGCAGTGAATAAAGCA
TTCAGCCAGCTTGCACACCTTGCTCAACATCAGAGGGTCCACACTGGAGAGAAAACCTAT
GAATGTATTGAATGTGGGAAGGCTTTTAGTGATTGCTCATCCCTAGCTCATCATCGAAGG
ATTCACACTGGGAAAAGACCTTATGAATGTATTGACTGTGGGAAAGCTTTCAGGCAGAAT
GCTTCTCTTATACGTATCGGCGATATTATCATACTGGAGAGAAAACCTTTGACTGTATT
GATTGTGGGAAGGCTTTCAGTATCACATAGGACTTATTCAGCATAAGAGAAGTCACTACT
GGAGAGAGACCTTACAAATGTAATGTGTGTGGGAAAGCCTTTTAGCCATGGCTCATCTCTG
ACAGTACATCAGAGAATTCATACAGGAGAGAAAACCTTATGAATGCAATATCTGTGAGAAA
GCCTTCAGCCATCGTGGGTCTCTTACTCTTCATCAGAGAGTTCATACTGGAGAGAAAACCC
TATGAATGTAAAGAATGTGGGAAAGCTTTCGGCAGAGCAGCATCTGGCTCATCATCAG
AGAATTCATACTGGAGAGAAAACCTTATGAATGTAAGGAATGCAGCAAACCTTCAGCCAG
AATGCACACCTCGCGCAACATCAGAAAATACACACTGGGAGAAAACCTTATGAATGTAAG
GAATGTGGTAAGGCTTTCAGTCAAGTGCACACCTTGTTCAGCACCAGAGAGTTCATACT
GGTGAGAAAGCCTTACGAATGTATTGAATGTGGGAAAGCCTTTAGTGATGGCTCATATCTT
GTTCAACATCAGAGACTCCACAGTGGCAAAGACCGTATGAATGTCTTGAATGTGGGAAG
GCATTCAGGCAGAGGGCATCCTTGATTTGTCATCAGAGATGTCATACTGGTGAGAAAACCT
TATGAATGTAATGTTTGTGGGAAAGCCTTTAGCCATCGTAAATCCCTTACTCTGCATCAG
AGAATTCATACAGGAGAGAAAACCTTATGAGTGTAAAGGAATGTAGCAAAGCCTTCAGCCAG
GTTGCCATCTTACTCTACATAAGAGAATTCATACTGGAGAAAAGGCCTTATGAGTGTAAG
GAATGTGGAAAAGCCTTCAGGCAGAGTGTACATCTTGCTCATCATCAGCGAATTCATACC
GGAGAGTCATCAGTTATTCTCTCCTCTGCCCTCCCATACCACCAAGTCTATAG

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001001668

**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.

<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_001001668.2</a></u> , <u><a href="#">NP_001001668.2</a></u>
<b>RefSeq Size:</b>	2514 bp
<b>RefSeq ORF:</b>	2154 bp
<b>Locus ID:</b>	388566
<b>UniProt ID:</b>	<u><a href="#">Q6ECI4</a></u>
<b>Cytogenetics:</b>	19q13.43
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]