

Product datasheet for **SC328994**

Zinc finger protein 668 (ZNF668) (NM_001172670) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 668 (ZNF668) (NM_001172670) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF668
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_001172670, the custom clone sequence may differ by one or more nucleotides

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ATGGAAGTGGAGGCTGCAGAGGCCCGGTCCCCAGCCCCGGTACAAGCGCTCGGGCCGC
CGCTACAAGTGCCTGTCTGTACCAAGACATTTCCAAACGCGCCCAGGGCAGCGGCCAC
GCTGCCACACATGGGCCGGCAGACTGCTCTGAAGAGGTGGCCGAGGTGAAGCCAAAGCCA
GAGACAGAAGCTAAGGCAGAGGAAGCCAGTGGGGAGAAGGTGTCAGGCTCCGCGCCAAG
CCTAGGCCCTATGCGTGTCCGCTATGCCCAAGGCCTACAAGACGCGACCCGAGCTGCGC
AGCCACGGGCGCAGCCACACGGGGGAGAAGCCCTTCCGTGCCCGAGTGCAGGCCCGC
TTCATGCAGCCCCTGTGCCTGCGCGTGCACCTGGCCTCGCACGCTGGCGAACTGCCCTTC
CGCTGTGCGCACTGCCGAAGGCCATGGCGCGCTCTCCAAGCTCAAGATCCACCAGCGT
GGCCACACAGGCGAGCGGCTTACGCTGCGCGACTGCGGCAAGAGCTTTGCTGACCCT
TCAGTGTTCGCAAGCACCGGCTACTCACGCTGGCTGCGGCCCTACAGCTGTGAGCGT
TGCGGCAAAGCCTATGCGGAGCTCAAGGACCTCCGCAACCATGAGCGGTCCACACCGGC
GAGCGCCCTTCCCTGTCTCGAGTGCAGGAAGAGCTTCCCGCTCATCTCGTCCAG
TGCCACCAGCGCATCCACGCGGCACAGAAGCCCTACCGCTGCCCGCCTGCGGCAAGGGC
TTCACGCAGCTCAGTTCCCTACCAGAGCCACGAGCGCACGCACTCGGGGGAGAAGCCCTT
CTGTGCCCGCGCTGCGGGCCGATGTTCTCCGACCCCTCGAGCTTCCGTGCCACCAGCGC
GCCCATGAAGGGGTGAAGCCATACCACTGCGAGAAGTGCAGCAAGGACTTCCGGCAGCCG
GCGGACCTGGCCATGCACCGGCGTGTGCACACAGGCGACCGGCCGTTCAAGTGCCTGCAA
TGTGACAAGACGTTCTGTGGCGTCTGGGACCTCAAGCGGCACGCGCTGGTGCCTCTGGC
CAGCGGCCCTTCCGCTGTGAGGAGTGGGGGAGCCTTCGCGGAGCGTCCAGCCTCACG
AAGCATAGCCGGGTGCACTCGGGGAGCGCCCTTCCACTGTAACGCATGTGGAAATCC
TTTGTGGTGTCTGCGAGCTGAGGAAGCAGGCGGACCCATCGAAGCAGTGAAGCCGCG
GGTGTGCCCCCTGCACAGGAGCTGGTGGTGGGGTGGCGCTGCCTGTGGCGTGGCAGGT
GAGAGTTCAGCCGCCCGCAGCAGGGCGGGGCTGGGGACCCCTCCAGCAGGGCTGCTA
GGGCTGCCCCCGAGTCAAGTGGTGTGATGGCCACACAGTGGCAGGTGGTGGGCATGACG
GTGGAGCATGTGGAATGCCAAGATGCTGGTGTCCGGGAGGCTCCTGGTCCCTTGAAGGG
GCAGGCGAGGCGGGGGTGAAGGAGCTGACGAGAAGCCCCCAGTTTGTGTGCCGAGAG
TGCAAGGAGACCTTCTCCACAATGACGCTGCTGCGTGGCAGGAGCGCTCACACCCGGAG
CTCCGGCCCTTCCCTGCACCCAGTGGCAAGAGCTTCTGACCGGGCTGGGCTGCC
AAACACAGCCGCACTCACAGCTCAGTGGCCCTACACCTGCCCCATTGTCCAAAGGCC
TTCTTGAGTGCCAGCGACTTGGCAAGCATGAACGCACCCACCCTGTGCCATGGGGACC
CCCACACCCCTGGAGCCCTGGTGGCTTGTAGGAATGCCTGAAGAGGGGCCGGCTGA

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- Restriction Sites:** Please inquire
- ACCN:** NM_001172670
- 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: [NM_001172670.1](#), [NP_001166141.1](#)

RefSeq Size: 2396 bp

RefSeq ORF: 1860 bp

Locus ID: 79759

UniProt ID: [Q96K58](#)

Cytogenetics: 16p11.2

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) represents use of an alternate promoter and 5' UTR, compared to variant 1. Variants 1, 2, and 4 all encode the same isoform (a).