

Product datasheet for **SC329022**

Zinc finger protein 668 (ZNF668) (NM_001172669) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 668 (ZNF668) (NM_001172669) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF668
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001172669, the custom clone sequence may differ by one or more nucleotides

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ATGTCAGAGCCAGGAATGCTGGGCAGGAAGGATGTGTGGGTTCCGAGAGAAAACCCGTTACCAAGGCCA
TGGAAAGTGGAGGCTGCAGAGGCCCGGTCCCCAGCCCCGGCTACAAGCGCTCGGGCCCGCTACAAGTG
CCTGTCTGTACCAAGACATTTCCAACGCGCCAGGGCAGCGGCCACGCTGCCACACATGGGCCGGCA
GACTGCTCTGAAGAGGTGGCCGAGGTGAAGCCAAAGCCAGAGACAGAAGCTAAGGCAGAGGAAGCCAGTG
GGGAGAAGGTGTCAAGGCTCCGCGGCCAAGCCTAGGCCCTATGCGTGTCCGCTATGCCCAAGGCCTACAA
GACGGCACCCGAGCTGCGCAGCCACGGGCGCAGCCACACGGGGGAGAAGCCCTTTCCGTGCCCGAGTGC
GGCCGCCGCTTACATGCAGCCCGTGTGCCTGCGCGTGCACCTGGCCTCGCACGCTGGCGAACTGCCCTTC
GCTGTGCGCACTGCCGAAGGCCTATGGCGCGCTCTCAAAGCTCAAGATCCACCAGCGTGGCCACACAGG
CGAGCGGCCTTACGCTGCGCCGACTGCGGCAAGAGCTTTGCTGACCCTTCAGTGTTCGCAAGCACCGG
CGTACTCAGCTGGCCTGCGGCCCTACAGCTGTGAGCGTTGCGGCAAAGCCTATGCGGAGCTCAAGGACC
TCCGCAACCATGAGCGGTCCCACACCGGGAGCGCCCCCTCCTCTGCTCCGAGTGGGGAAGAGCTTCTC
CCGCTCATCTCGCTCAGTGCCACCAGCGCATCCACGGGCACAGAAGCCCTACCGCTGCCCGGCCTGC
GGCAAGGGCTTACGCAGCTCAGTTCCTACCAGAGCCACGAGCGCACGCACTCGGGGGAGAAGCCCTTCC
TGTGCCCGCGCTGCGGCCGATGTTCTCCGACCCTCGAGCTTCCGTGCGCACAGCGCGCCATGAAGG
GGTGAAGCCATACCCTGCGAGAAGTGGCGCAAGGACTTCCGGCAGCCGGCGGACCTGGCCATGCACCGG
CGTGTGCACACAGGCGACCGGCCGTTCAAGTGCCTGCAATGTGACAAGACGTTTCGTGGCGTCTGGGACC
TCAAGCGGCACGCGCTGGTGCCTGAGGCAAGCAGCGGACCCATCGAAGCAGTGAAGGCGGCGG
GGGAAATCCTTTGTGGTGTGTCGAGCCTGAGGAAGCACGAGCGGACCCATCGAAGCAGTGAAGGCGGG
GTGTGCCCTGACAGGAGCTGGTGGTGGGTTGGCGCTGCCTGTGGGGTGGCAGGTGAGAGTTCAGC
CGCCCCGCGAGCAGGGGGGGGGTGGGGGACCCTCCAGCAGGGCTGCTAGGGTGCCTCCGGAGTCAAGT
GGTGTGATGGCCACACAGTGGCAGGTGGTGGGCATGACGGTGGAGCATGTGGAATGCCAAGATGCTGGT
TCCGGGAGGCTCCTGGTCCCTTGAAGGGGCGAGGCGAGGCGGGGGTGGAGGCTGACGAGAAGCCCC
CCAGTTTGTGTGCCGAGAGTGAAGGAGACCTTCCACAATGACGCTGCTGCGTGGCAGGAGCGCTCA
CACCCGGAGCTCCGGCCCTTCCCTGCACCCAGTGGGCAAGAGCTTCTCTGACCGGGTGGGCTGCGCA
AACACAGCGCACTCACAGCTCAGTGCGCCCTACACCTGCCCCATTGTCCAAGGCCTCTTGTAGTGC
CAGCGACTTGGCAAGCATGAACGCACCCACCCTGTGCCATGGGGACCCACACCCCTGGAGCCCTG
GTGGCTTTGCTAGGAATGCTGAAGAGGGGCCGGCTGA
    
```

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001172669
- 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_001172669.1](#), [NP_001166140.1](#)

RefSeq Size: 2510 bp

RefSeq ORF: 1929 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 (3) differs in the 5' UTR, contains an alternate 5' coding exon, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (b) has a distinct N-terminus compared to isoform a.