

Product datasheet for **RC230356**

Zinc finger protein 668 (ZNF668) (NM_001172670) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 668 (ZNF668) (NM_001172670) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zinc finger protein 668
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC230356 representing NM_001172670
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAAGTGGAGGCTGCAGAGGCCCGTCCCCAGCCCCGGCTACAAGCGCTCGGGCCCGCTACAAGT
 GCCTGTCTGTACCAAGACATTTCCAAACGCGCCAGGGCAGCGGCCACGCTGCCACACATGGGCCGGC
 AGACTGCTCTGAAGAGGTGGCCGAGGTGAAGCCAAAGCCAGAGACAGAAGCTAAGGCAGAGGAAGCCAGT
 GGGGAGAAGGTGTGAGGCTCCGCGGCCAAGCCTAGGCCCTATGCGTGTCCGCTATGCCCCAAGCCCTACA
 AGACGGCACCCGAGCTGCGCAGCCACGGGCGCAGCCACACGGGGAGAAGCCCTTCCGTGCCCCGAGTG
 CGGCCCGCTTTCATGCAGCCGTGTGCCTGCGCGTGCACCTGGCTCGCACGCTGGCGAACTGCCCTTC
 CGTGTGCGCACTGCCGAAGGCCTATGGCGCGCTCTCCAAGCTCAAGATCCACCAGCGTGGCCACACAG
 GCGAGCGGCCTTACGCCGCGCCGACTGCGGCAAGAGCTTTGCTGACCCTTCAGTGTCCGCAAGCACCG
 GCGTACTCAGCTGGCCTGCGGCCCTACAGCTGTGAGCGTTGCGGCAAAGCCTATGCGGAGCTCAAGGAC
 CTCGCAACCATGAGCGTCCCACACCGCGAGCGCCCTTCTCTGCTCCGAGTGGGGAAGAGCTTCT
 CCCGCTATCCTCGCTCAGTGCACCGCAGCGCATCCACGCGGCACAGAAGCCCTACCGTGGCCGGCCTG
 CGGCAAGGGCTTACGCAGCTCAGTTTCTACCAGAGCCACGAGCGCACGCACTCGGGGAGAAGCCCTTC
 CTGTGCCCGCGCTGCGGCCGATGTTTCTCCGACCCTCGAGTTCGTCGCCACCGCGCCCATGAAG
 AGGTGAAGCCATACCACTGCGAGAAGTGGCGCAAGGACTTCCGGCAGCCGGCGGACTGGCCATGCACCG
 GCGTGTGCACACAGGCGACCGGCCGTTCAAGTGCCTGCAATGTGACAAGACGTTTCGTGGCGTCTGGGAC
 CTCGAGCGTGCAGCCTCACGAAGCATAGCCGGTGCACCTCGGGGAGCGCCCTTCCACTGTAACGCATG
 TGGGAAATCCTTTGTGGTGTCTCGAGCCTGAGGAAGCAGAGCGGACCCATCGAAGCAGTGGAGCCGCG
 GGTGTGCCCTGCACAGGAGCTGGTGGTGGGTTGGCGTGCCTGTGGCGTGGCAGGTGAGAGTTCAG
 CCGCCCCGCGCAGGGGCGGGCTGGGGACCCTCCAGCAGGGCTGCTAGGGTGGCCCCGGAGTCAGG
 TGGTGTGATGGCCACACAGTGGCAGGTGGTGGGCATGACGGTGGAGCATGTGGAATGCCAAGATGCTGGT
 GTCCGGGAGGCTCCTGGTCCCTTGAAGGGCAGGCGAGGCGGGGGTGGAGGCTGACGAGAAGCCCC
 CCCAGTTTGTGTGCCGAGAGTGAAGGAGACCTTCTCCACAATGACGCTGCTGCGTGGCAGCAGCGCTC
 ACACCCGAGCTCCGGCCCTTCCCCTGCACCCAGTGGGCAAGAGCTTCTGACCGGGTGGGCTGCGC
 AAACACAGCCGACTCACAGCTCAGTGCGCCCTACACCTGCCCCATTGTCCAAAGCCCTCTTGAGTG
 CCAGCGACTTGCCAAGCATGAACGCACCCACCCTGTGCCATGGGGACCCACACCCCTGGAGCCCT
 GGTGGCTTGTAGGAATGCCTGAAGAGGGCCGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230356 representing NM_001172670
 Red=Cloning site Green=Tags(s)

MEVEAAEARSPAPGYKRSGRRYKLSCTKTFPNAPRAARHAATHGPADCSEEVAEVKKPKPETEAKAEAS
 GEKVSLSAAKPRPYACPLCPKAYKTAPELRSHGRSHTGEKPFPCPECGRRFMQPVCLRVHLASHAGELPF
 RCAHCPKAYGALSKLKIHQRGHTGERPYACADCGKSFADPSVFRKHRRTHAGLRPYSCERCCKAYAEKLD
 LRNHRSHTGERPFLCSECGKFSRSSLTCHQRIHAAQKPYRCPACGKGFQLSSYQSHERTHSKEKPF
 LCPRCGRMFDSPSSFRRHQRAHEEVKPYHCEKCGKDFRQPADLAMHRRVHTGDRPFKCLQCDKTFVASWD
 LKRHALVHSGQRPFRCEECGRAFAERASLTKHSRVHSGERPFHCNACGKSFVVSSLRKHHERTHRSSEAA
 GVPPAQELVVGLALPVGVAGESSAAPAAGAGLGDPPAGLLGLPPESGGVMATQWQVVGMTVEHVECQDAG
 VREAPGLEGAGEAGGEEADEKPPQFVCRECKETFSTMTLLRRHERSHPPELRPFCTQCGKSFSDRAGLR
 KHSRTHSSVRPYTCPHCPKAFLSASDLRKHERTHPVMGTPPTLEPLVALLGMPEEPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001172670

ORF Size: 1857 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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 ORF: 1860 bp

Locus ID: 79759

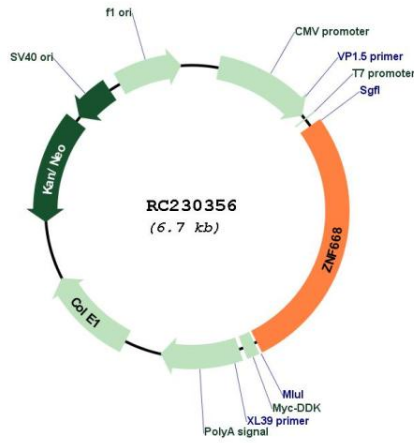
UniProt ID: [Q96K58](#)

Cytogenetics: 16p11.2

MW: 68.4 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC230356