

Product datasheet for **RG230384**

Zinc finger protein 668 (ZNF668) (NM_001172669) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 668 (ZNF668) (NM_001172669) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zinc finger protein 668
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG230384 representing NM_001172669
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGAGCCAGGAATGCTGGGCAGGAAGGATGTGTGGGTTCCGAGAGAAACCCGTTACCAAGGCCA
 TGGAAAGTGGAGGCTGCAGAGGCCGGTCCCCAGCCCCGGCTACAAGCGCTCGGGCCGCCCTACAAGTG
 CCTGTCCTGTACCAAGACATTTCCAAACCGCCAGGGCAGCGCCACGCTGCCACACATGGGCCGGCA
 GACTGCTCTGAAGAGGTGGCCGAGGTGAAGCCAAAGCCAGAGACAGAAGCTAAGGCAGAGGAAGCCAGTG
 GGGAGAAGGTGTCAAGGCTCCGCGCCAAGCCTAGGCCCTATGCGTGTCCGCTATGCCCAAGGCCTACAA
 GACGGCACCCGAGCTGCGCAGCCACGGGCGCAGCCACACGGGGGAGAAGCCCTTTCCGTGCCCGAGTGC
 GGCCGCCGCTTATGCAGCCCGTGTGCCTGCGCGTGCACCTGGCCTCGCACGCTGGCGAACTGCCCTTCC
 GCTGTGCGCACTGCCGAAGGCCTATGGCGCGCTCTCAAAGCTCAAGATCCACCAGCGTGGCCACACAGG
 CGAGCGCCCTACGCCTGCGCCGACTGCGGCAAGAGCTTTGCTGACCCTTCAGTGTCCGCAAGCACCGG
 CGTACTACGCTGGCCTGCGGCCCTACAGCTGTGAGCGTTGCGGCAAAGCCTATGCGGAGCTCAAGGACC
 TCCGCAACCATGAGCGGTCCCACACCGGCGAGCGCCCTTCTCTGCTCCGAGTGCGGGAAGAGCTTCTC
 CCGCTCATCCTCGCTCACGTGCCACCAGCGCATCCACGCGGCACAGAAGCCCTACCGTGGCCGGCTGC
 GGCAAGGGCTTACGCAGCTCAGTTCCTACCAGAGCCACGAGCGCACGCACTCGGGGAGAAGCCCTTCC
 TGTGCCCGCGTGCAGCCGATGTTCTCCGACCCTCGAGCTTCCGTGCGCACAGCGCGCCATGAAGG
 GGTGAAGCCATACCACTGCGAGAAGTGGGCAAGGACTCCGGCAGCGGGGACCTGGCCATGCACCGG
 CGTGTGCACACAGGCGACCGCCGTTCAAGTGCCTGCAATGTGACAAGACGTTGCGTGGCGCCTGGGACC
 TCAAGCGCACGCGCTGGTGCACCTGCGCAGCGGCCCTCCGCTGTGAGGAGTGCGGGCGAGCCCTGCG
 CGAGCGTGCCAGCCTCACGAAGCATAGCCGGGTGCACTCGGGGAGCGCCCTTCCACTGTAAACGATGT
 GGGAAATCCTTTGTTGCTGCTGAGCCTGAGGAAGCACGAGCGGACCCATCGAAGCAGTGAAGCCGCGG
 GTGTGCCCTTGCACAGGAGTGGTGGTGGGTTGGCGTGCCTGTGGCGTGGCAGGTGAGAGTTCAGC
 CGCCCCGCGCAGGGGCGGGGCTGGGGGACCCTCCAGCAGGGCTGTAGGGTGCCTCCGGAGTCAAGT
 GGTGTGATGGCCACACAGTGGCAGGTGGTGGGATGACGGTGGAGCATGTGGAATGCCAAGATGCTGGT
 TCCGGGAGGCTCCTGGTCCCTTGAAGGGGCGAGGCGGGGGGTGAGGAGGCTGACGAGAAGCCCCC
 CCAGTTTGTGTGCCGAGAGTGAAGGAGACCTTCCACAATGACGCTGCTGCGTGGCAGGAGCGCTCA
 CACCCGAGCTCCGGCCCTTCCCTGCACCCAGTGGGCAAGAGCTTCTCTGACCGGGCTGGGCTGCGCA
 AACACAGCCGCACTCACAGCTCAGTGCGCCCTACACCTGCCCCATTGTCCCAAGGCCTCTTGTAGTGC
 CAGCGACTTGCGAAGCATGAACGCACCCACCCTGTGCCATGGGGACCCCCACACCCCTGGAGCCCTG
 GTGGCTTTGCTAGGAATGCCTGAAGAGGGGCGCGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG230384 representing NM_001172669
 Red=Cloning site Green=Tags(s)

MSEPGMLGRKDVWVPRETPFTKAMEVEAAEARSPAGYKRSRRYKLSCTKTFPNAPRAARHAATHGPA
 DCSEEAIVKPKPETEAKAEASGEKVSAAKPRPYACPLCPKAYKTAPELRSHGRSHTGEKPFPCPEC
 GRRFMQPVCLRVHLASHAGELPFRCAHCPKAYGALSKLKIHQRGHTGERPYACADCGKSFADPSVFRKHR
 RTHAGLRPYSERCCKAYAEKDLRNHERSHTGERPFLCSECGKSF SRSSSLTCHQRIHAAQKPYRCPAC
 GKGFQQLSSYQSHERTHSGEKPFLLCPRCGRMFSDPSSFRRHQRAHEGVKPYHCEKCGKDFRQPADLAMHR
 RVHTGDRPFKCLQCDKTFVASWDLKRHALVHSGQRPFRCCECGRAFAERASLTKHSRVHSGERPFHCNAC
 GKSFVSSSLRKHERTHRSSEAAGVPPAQELVGLALPVGVAGESAAPAAGAGLGDPPAGLLGLPPESG
 GVMATQWQVVGMTVEHVECDAGVREAPGLEGAGEAGGEEADEKPPQFVCRECKETFSTMTLLRRHERS
 HPFLRPFPCTQCGKSFSDRAGLRKHSRTHSSVRPYTCHPCPKAFLSASDLRKHERTHPVPMGTPTLEPL
 VALLGMPPEEPA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: NM_001172669

ORF Size: 1926 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_001172669.1](#), [NP_001166140.1](#)

RefSeq Size: 2510 bp

RefSeq ORF: 1929 bp

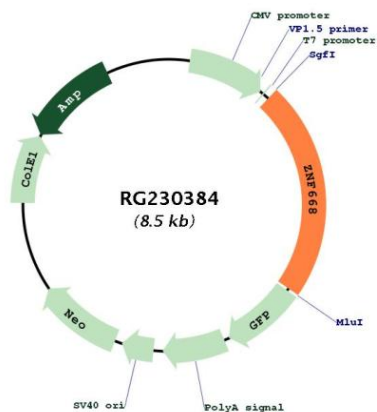
Locus ID: 79759

UniProt ID: [Q96K58](#)

Cytogenetics: 16p11.2

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

Product images:



Circular map for RG230384