

## Product datasheet for **RG239060**

### ZNF169 (NM\_003448) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF169 (NM_003448) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF169
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG239060 representing NM\_003448.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGTCACCAGGACTCTGACAACCAGGAAGGAGGCATTGATGGCCTTCCGGGATGTGGCTGTGCCCTTC
ACCCAGAAGGAGTGAAGCTATTGAGTTCTGCTCAGAGGACCCTGTACAGGGAGGTGATGCTGGAGAAC
TACAGCCATCTGGTCTCCCTGGGAATTGCATTTTCCAAACCAAACTCATTGAACAGCTGGAGCAAGGC
GACGAACCTTGGAGAGAGGAGAACGAACATCTTCTGGACCTTTGTCCAGCAGAGCCTAGAACAGAATTC
CAGCCAAGTTTTCCACCTGGTGGCCTTTTCTAGCTCGCAGCTCCTCAGACAATATGCGCTAAGTGGC
CATCCACACAGATCTTCCCAAGCTCATCTGCAGGAGGTGACTTCCAAGTGAAGCTCCAAGATGCTCT
AGTGAAAAGGAGAAAGTGGAGAGACAGAAGGCCCGACAGCTCATTAAAGAAAGAGGCCAAGCAGAATT
TCTAGGACATTCTCAGCCACATCAAGGTGACCCAGTAGAATGGGTAGAAGGGAACAGAGAAGGAGGA
ACAGACCTTCGCCTGGCCAAAGGATGAGTCTTGGGGGTGAGACACAATGTTGAAGGGAGCAGACT
TCAGAATCTGGAGCAGTCATACGTGAAACTATAGACTGGGACTTAGCAAAAAGTCAAGCCTGTTACAGC
CACCAGAAGCATCATGTGTGCCCTGAATGCGGGAGAGGCTTTTGCCAGAGATCAGACCTTATCAAGCAC
CAGAGGACACACACCGGGGAGAAGCCATACCTGTGTCCTGAGTGTGGCGCTCGGTTTAGCCAGAAGGCC
TCCCTCTCCATACACCAGAGGAAGCACTCGGGGAGAAGCCGTATGTGTGCAGGGAATGTGGGCGACAC
TTCAGGTATACATCCTCTCTCAATAACAAGAGGATCACTCCGGGGAGAGGCCCTTTGTATGTCAG
GAGTGTGGGCGAGGCTTTCGCCAGAAGTAGCCCTCCTTACACCAGAGGACGCACTTGGAGGAGAAG
CCCTTCGTGTGCTCCTGAGTGTGGGAGAGGCTTTGCCAGAAGGCATCACTCCTCCAGCACCAGAGCTCA
CACACAGGGGAGAGGCCCTTCTGTGCCTTGTGAGTGTGGCGTAGCTTCAAGCAGCAGCTTCTCCTCT
AGTCCACAGTCAACACTCAGGAGAGAAGCCTTATGTCTGTGCTGAGTGTGGCAGCAGCTTTCGCCAA
AAGGCTCACTCTCATCAGGCACCAGAGGACACACAGGGGAGAAGCCTTACCTGTGCCCCAGTGTGGG
CGGGTTTTAGCCAGAAGGTACCCCTATTGGACACCAGAGGACACACAGGGGAGAAGCCCTACCTG
TGCCCTGATTGTGGGCGTGGCTTTGGTCAGAAGGTACCCCTCATCAGACACCAGAGGACACACAGGG
GAGAAGCCTTATCTGTGCCCAAGTGTGGGCGTGCATTTGGCTTAAAGTCGCTCCTACCCGACACCAG
AGGACACACTCAGAGGAGGAGCTTACGTAGACAGGCTGTGTGGACAAGGACTTGGCCAGAAGTCAAC
CTTATCTCTGACCAAAGGACACACTCAGGAGAGAAGCCCTGCATTTGCGATGAATGTGGGCGCGCTTT
GGCTTAAAGTCTGCCCTCATCCGACATCAGCGGACCCATTCTGGGAGAAGCCGTATGTCTCAGGGAG
TGTGGGCGTGGCTTTAGCCAGAAGTCTCACTTGCATAGACACAGGAGGACCAAGTCTGGTCATCAGCTC
TACCCCAAGAGGTCTTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:**

>Peptide sequence encoded by RG239060  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MSPGLLTTRKEALMAFRDVAVAFQKEWKLLSSAQRLLYREVMLENYSHLVSLGIAFSKPKLIEQLEQG
DEPWRENEHLDLCPAEPRTFQPSFPHLVAFSSQLLRQYALSGHPTQIFPSSAGGDFQLEAPRCS
SEKGESGETEGPDSLRKRSRISRTFFSPHQGDPVEWVEGNREGGDLRLAQRMSLGGSDTMLKGADT
SESGAVIRGNRYRLGLSKKSLFSHQKHVCPCEGRGFCQSRDLIKHQRTHTGEKPYLCPECGRRFSQKA
SLSIHQKHSGEKPYVCRECGRHFRYTSSTLNHKRIHSGERPFVQCCEGRGRFQKIALLLHQRTHEEK
PFVCPCEGRGFCQKASLLQHQSSHTGERPFLCLEGRSFRQSLLLSHQVTHSGEKPYVCAECGHSFRQ
KVTLIRHQRTHTGEKPYLCPCQGRGFSQKVTLIGHQRTHTGEKPYLCPDCGRGFGQKVTLIRHQRTHTG
EKPYLCPKCGRAFQKASLLTRHQRTHEEELYVDRVCGQLGQKSHLISDQRTHSGEKPCICDECGRGF
GFKSALIRHQRTHSGEKPYVCRECGRGFSQKSHLHRHRRTKSGHQLLPQEVF
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDMHFKSAIHPISILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

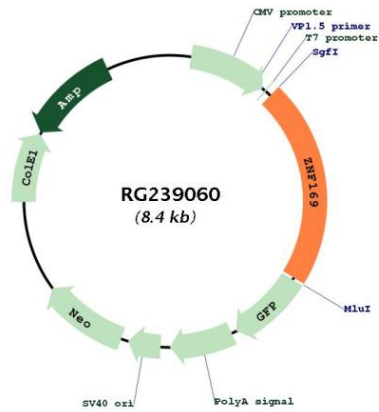
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


- ACCN:** NM\_003448
- ORF Size:** 1812 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).
- RefSeq:** [NM\\_003448.2](#), [NP\\_003439.2](#)
- RefSeq Size:** 2409 bp
- RefSeq ORF:** 1815 bp
- Locus ID:** 169841
- Cytogenetics:** 9q22.32
- Protein Families:** Transcription Factors
- MW:** 69 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG239060