

## Product datasheet for **RG239407**

### ZNF227 (NM\_001289171) Human Tagged ORF Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                          |
| Product Name:             | ZNF227 (NM_001289171) Human Tagged ORF Clone |
| Tag:                      | TurboGFP                                     |
| Symbol:                   | ZNF227                                       |
| Mammalian Cell Selection: | Neomycin                                     |
| Vector:                   | pCMV6-AC-GFP (PS100010)                      |
| E. coli Selection:        | Ampicillin (100 ug/mL)                       |



[View online »](#)

**ORF Nucleotide Sequence:**

>RG239407 representing NM\_001289171.  
 Blue=ORF Red=Cloning site Green=Tag(s)

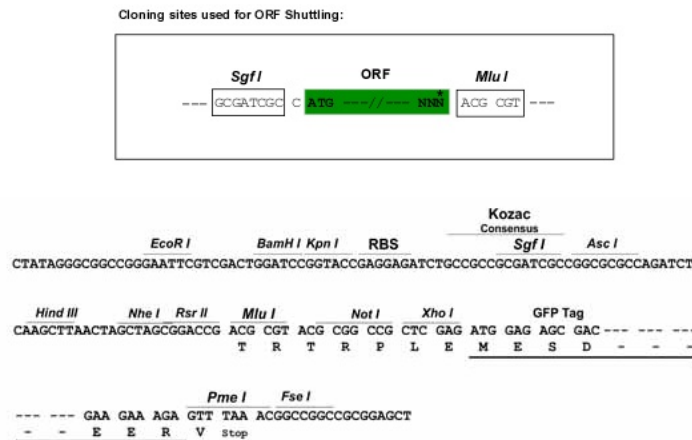
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGTGGAGAACCTCAAGAACCTGGTTGCAGTGGCAGCAAGCATCAAAATAAGATGGAACACTCCAA
AAATTTGCATTAATAACCTTTCAAATCAAGAGCTGCCTGCTGGCAAATCTGGAACAGGTTGCAAGT
GAATTAACCAAGGTGCTTTCAGGGGAAGAGTTCAGATTATTACAAGGTGACTCTATTAGGTTTCTGAA
AATGAGAACAATAATAATGAACCCATAAGGAGATAGCTCTATTTATATTGAAAATCAAGAGTTTCCATTT
TGGAGAACCAGCATTCTTGCGGGAATACATATCTGAGTGAGTCACAGATTCAGAGTAGAGGTAAGCAA
ATTGATGTGAAAAATAACCTGCAAATACATGAAGACTTCATGAAGAAATCACCATTTTCATGAGCATATT
AAAAGTACACAGAACCAAAACCTGCAAAGGTAATGAATATGGCAAATCATTAGTGATGGCTCCAAT
CAGAAATTACCCTTAGGAGAGAAACCCATCCATGTGGTGAGTGGAAGGGGCTTCAGTTATAGCCCA
AGGCTTCCCTTCATCCGAATGTTACATACAGGAGAAAAATGCTTCAGTCAAAGCTCACATCTGCAACT
CATCAGAGAATTCACCCAGGAGAGAACTCAATAGATGTCATGAATCTGGTGATTGCTTCAATAAGAGC
TCTTTTCAATCTTATCAATCTAATCATACAGGAGAGAAGTCTTATAGATGCGACAGTTGCCGCAAGGGA
TTCAGTAGCAGCACGGGTCTTATCATTACAGAACTCATACTGGAGAGAAACCCATAAATGCGAG
GAATGTGGTAAATGCTTTAGTCAAAGTTCAAATTTTTCAGTGCCATCAGAGAGTCCCACTGAAGAAAAA
CCATACAAATGCGAAGAGTGTGGTAAGGGCTTCGGTTGGAGTGTAATCTCCGTGTTCCACAGAGGGTC
CACAGGGGTGAGAAGCCCTATAAATGTGAGGAATGTGGTAAGGGGCTTCACTCAGGCTGCACATTTTAC
ATCCATCAGAGAGTCCCACTGGAGAGAAACCCACAAGTGTGATGTGTGGTAAGGGGCTTCAGCCAC
AAAGGCTTTACCCGTAATACAGATCTGCATATTCATTTTCAGAGTTCACACGGGAGAGAAACCCATAAAA
TGTAAGGAGTGTGGTAAGGGCTTCAGTCAGGCTTCAAATCTTCAAGTCCATCAGAATGTCCACACTGGG
GAGAAACGATTCAAGTGTGAAACGTGTGGGAAGGGCTTCAGTCAGTCTCAAAGCTTCAAACCCATCAG
CGAGTCCCACTGGAGAGAAACCATATAGATGTGATGTGTGTGGTAAGGACTTCAGTTATAGTTCAAAT
CTTAAACTACACCAAGTAATTCACACTGGAGAAAAACCATATAAATGTGAGGAATGTGGGAAGGGCTTC
AGTTGGAGATCAAATCTTCATGCACATCAAAGAGTTCACAGGAGAAAAACCCATAAATGTGAGCAG
TGTGATAAGAGCTTCAGTCAGGCCATAGATTTTCGGGTACATCAGAGAGTCCATACTGGAGAGAAGCCA
TACAAATGTGGTGTCTGTGGTAAGGGCTTCAGTCAGTCTCTGGTCTTCAATCCCATCAGAGAGTCCAC
ACGGGGGAAAAGCCATACAAATGTGATGTGTGTGGAAAGGGCTTTAGATACAGTTCGCAGTTTATATAC
CATCAGAGAGGCCACACTGGAGAAAAACCTTACAAATGTGAAGAGTGTGGGAAAGGCTTTGGTAGGAGC
TTGAATCTTCGCCATCATCAGAGGGTCCACACGGGAGAGAAACCCATATATGTGAGGAGTGTGGTAAG
GCCTTCAGTCTCCCTCAAATCTTCAGTCCACCTGGGTGTTACACCAGGGAAAAACTCTTTAAATGT
GAAGAGTGTGGTAAGGGCTTCAGTCAGAGTGCACGTCTTGAAGCCATCAGAGAGTCCCACTGGAGAA
AAACCATACAAATGTGACATATGTGATAAGGACTTCCGTCAACGTTACGTCTTACATATCATCAGAAA
GTCCATACTGGTAAAAAGCTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG239407  
 Blue=ORF Red=Cloning site Green=Tag(s)

MVENFNKLVAVGSKHQKMETLQKFALKYLSNQELSCWQIWKQVASEL TRCLQGKSSQLLQGD SIQVSE  
 NENNIMNPKGDSSIYIENQEFPPWRTQHSCGNTYLSSEQISRGKQIDVKNLQIHEDFMKSPFHEHI  
 KTDTEPKPCKGNEYGKIISDGSNQKLP LGEKPHPCGECGRGFSYSPRLPLHPNVHTGEKCF SQSSHLRT  
 HQRIHPGEKLNRCHESGDCFNKSSFHSYQSNHTGEKSYRCDSCGKGFSSSTGLIIHYRTHTGEKPYKCE  
 ECGKCF SQSSNFQCHQRVHTEEKPYKCEECGKGF GWSVNLRVHQRVHRGEKPYKCEECGKGF TQAAHFH  
 IHQRVHTGEKPYKCDVCGKGF SHNSPL ICHRRVHTGEKPYKCEACGKGF TRNTDLHIHFRVHTGEKPYK  
 CEKCGKGF SQASNLQVHQNVHTGEKRFK CETCGKGF SQSSKLQTHQRVHTGEKPYRCDVCGKDF SYSSN  
 LKLHQVIHTGEKPYKCEECGKGF SWRSNLHAHQRVHSGEKPYKCEQCDKFSQAIDFRVHQRVHTGEKPY  
 YKCGVCGKGF SQSSGLQSHQRVHTGEKPYKCDVCGKGF RYSSQFIYHQRGHTGEKPYKCEECGKGFGRS  
 LNLRHHQRVHTGEKPHICEECGKAFSLPSNLRVHLGVHTREKLFKCEECGKGF SQSARLEAHQRVHTGE  
 KPYKCDICDKDFRHRSLTYHQVHTGKLL  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYP SGYENPFLHAINNGGYTNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPEP  
 SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



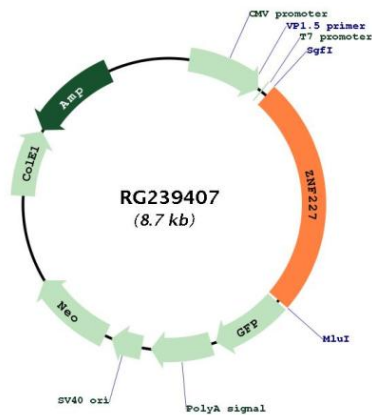
**ACCN:** NM\_001289171

**ORF Size:** 2160 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.

|                          |  |
|--------------------------|--|
| <b>Components:</b>       | 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). |
| <b>RefSeq:</b>           | <u>NM_001289171.1, NP_001276100.1</u>  |
| <b>RefSeq Size:</b>      | 2930 bp  |
| <b>RefSeq ORF:</b>       | 2163 bp  |
| <b>Locus ID:</b>         | 7770   |
| <b>Cytogenetics:</b>     | 19q13.31   |
| <b>Protein Families:</b> | Transcription Factors  |
| <b>MW:</b>               | 83 kDa   |
| <b>Gene Summary:</b>     | May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  |

**Product images:**


Circular map for RG239407