

## Product datasheet for **RG237786**

### ZNF596 (NM\_001287399) Human Tagged ORF Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | ZNF596 (NM_001287399) Human Tagged ORF Clone                                   |
| Tag:                      | TurboGFP   |
| Symbol:                   | ZNF596   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-AC-GFP (PS100010)  |
| E. coli Selection:        | Ampicillin (100 ug/mL)   |
| ORF Nucleotide Sequence:  | >RG237786 representing NM_001287399.<br>Blue=ORF Red=Cloning site Green=Tag(s) |

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGAACGAAACACTTTGTAAGCAAAAAGTTGGGAAAATCTTCAGTGACTGGTTATCCTTTAATCAA
CACAAGGAAATTCACACCAATGTAATTCATATGGAAGTCATCTATTTGATTATGCCTTTATCCAAAAC
TCTGCCCTTAGACCACACAGTGTGACTCACACTAGAGAGATAACATTGGAATGTCGTGTGTGGGAAA
ACCTTTAGCAAAAATTCTAATCTTAGGCGACATGAGATGATTCACACTGGAGAGAAACCACACGGATGT
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GAGAGAAGTCACTGGAGAAAACCATATGAATGCCATCTATGCGGAAAAGCCTTCACTACTCTTCT
GTCCTTAGACGACATGAGAGAAGTCACTGGAGAGAAACCATATGAATGCAATATATGTGGTAAAGCC
TTCAATAGAAGTTACAACCTTAGACTTCATAGAAGAGTTCACACTGGAGAGAAACCATATGTATGTCCT
CTATGTGGGAAAGCCTTTAGTAAATTTTAACTTAGACAACATGAGAGAAGTCACTAAAAAAGCA
ATGAATATG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



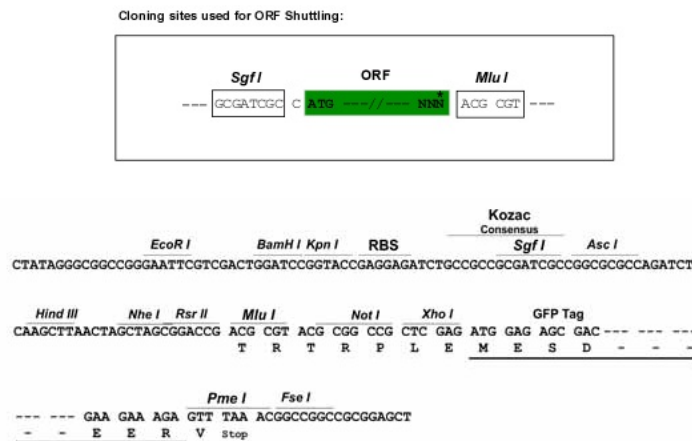
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**Protein Sequence:** >Peptide sequence encoded by RG237786  
 Blue=ORF Red=Cloning site Green=Tag(s)

MRTKHFVSKKFGKIFSDWLSFNQHKIHTKCKSYGSHLFDYAFIQNSALRPHSVTHTREITLECRVCGK  
 TFSKNSNLRRHEMIHTGEKPHGCHLCGKAFTHCSDLRKHERTHTGEKPYGCHLCGKAFSKSSNLRRHEM  
 IHTREKAQICHLCGKAFTHCSDLRKHERTHLGDKPYGCLLCGKAFSKCSYLRQHERTHNGEKPYECHLC  
 GKAFSHCSHLRQHERSHNGEKPHGCHLCGKAFTESSVLKRHERIHTGEKPYECHVCGKAFTESSDLRRH  
 ERTHHTGEKPYECHLCGKAFNHSSVLRRHERTHTGEKPYECNICGKAFNRSYNFRLHRRVHTGEKPYVCP  
 LCGKAFSKFFNLRQHERTHTKAMNM  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001287399

**ORF Size:** 1113 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](#)

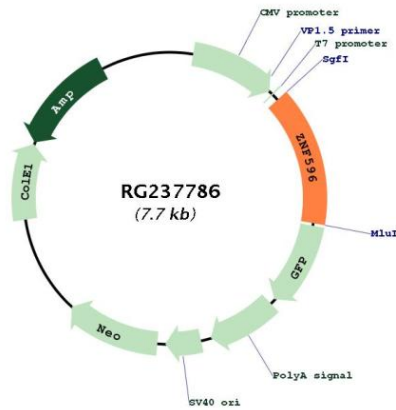
**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001287399.1](#), [NP\\_001274328.1](#)

**RefSeq Size:** 2779 bp

RefSeq ORF: 1116 bp  
 Locus ID: 169270  
 UniProt ID: [Q8TC21](#)  
 Cytogenetics: 8p23.3  
 Protein Families: Druggable Genome, Transcription Factors  
 MW: 43.7 kDa  
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**


Circular map for RG237786