

## Product datasheet for **RG238603**

### ZNF596 (NM\_001287256) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF596 (NM_001287256) 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:	>RG238603 representing NM_001287256. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCATACCCGGATTCCATGACCTTCGAGGATATCATTGTAGACTTCACTCAAGAAGAGTGGGCCCTG
CTGGACACATCCCAGAGAAAAGCTGTTTCAAGATGTGATGTTGGAGAACATCAGTCATCTGGTCTCTATT
GGCAAACAGCTCTGCAATCAGTTGTGCTTTCCCAATTGGAGCAAGTAGAGAACTTTCAACACAAAAGA
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TTAGGAGAAGATTTCACTCAACATATAGCATTGACTCAAAATGTGATTACCTACATGAGAACGAAACAC
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ACCGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



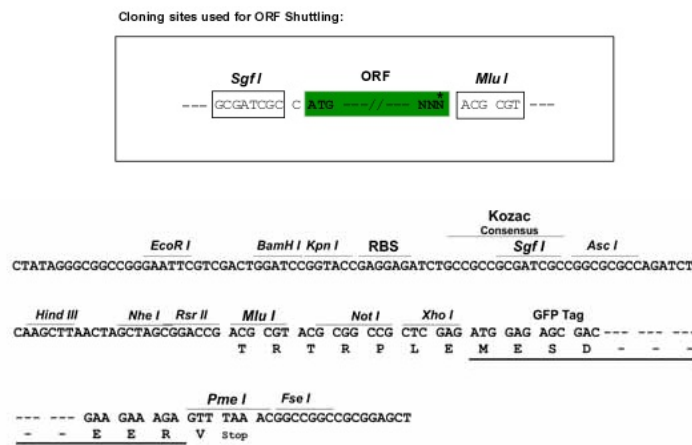
[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG238603  
 Blue=ORF Red=Cloning site Green=Tag(s)

MPSPDSMTFEDIIVDFTQEEWALLDTSQRKLFQDVMLENISHLVSIGKQLCKSVVLSQLEQVEKLTQR  
 ISLLQGREGVIKHQEIPIFIHHIYQKGTSTISTMRSHTQEDPFLCNDLGEDFTQHIALTQNVITYMRTKH  
 FVSKKFGKIFSDWLSFNQHKIHTKCKSYGSHLFDYAFIQNSALRPHSVTHTREITLECRVCGKTFSKN  
 SNLRRHEMIHTGEKPHGCHLCKGAFTHCSDLRKHHERHTHTGEKPYGCHLCKGAFSKSSNLRRHEMIHTRE  
 KAQI CHLCKGAFTHCSDLRKHHERHTLGDKPYGCLLCKGAFSKCSYLRQHERTHNGEKPYECHLCKGAFS  
 HCSHLRQHERSHNGEKPHGCHLCKGAFTESSVLKRHERIHTGEKPYECHVCGKAFTESSDLRRHERHT  
 GEKPYECHLCKGAFNHSSVLRHERHTHTGEKPYECNICGKAFNRSYNFRLHRRVHTGEKPYVPLCGKA  
 FSKFFNLRQHHERHTKKAMNM  
**TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV**  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNATVEHLHPMGDNDLGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**ACCN:** NM\_001287256

**ORF Size:** 1512 bp

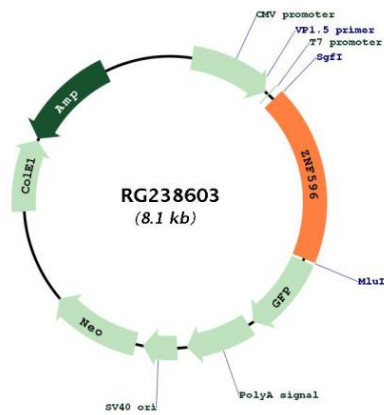
**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone 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\\_001287256.1](#), [NP\\_001274185.1](#)  
**RefSeq Size:** 2692 bp  
**RefSeq ORF:** 1515 bp  
**Locus ID:** 169270  
**UniProt ID:** [Q8TC21](#)  
**Cytogenetics:** 8p23.3  
**Protein Families:** Druggable Genome, Transcription Factors  
**MW:** 58.5 kDa  
**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG238603