

Product datasheet for **RG238601**

ZNF596 (NM_001287254) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF596 (NM_001287254) 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:	>RG238601 representing NM_001287254. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCATACCCGGATTCCATGACCTTCGAGGATATCATTGTAGACTTCACTCAAGAAGAGTGGGCCCTG
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AACTTTAGACTTCATAGAAGAGTTCACTGGAGAGAAACCATATGTATGTCCTCTATGTGGGAAAGCC
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ACCGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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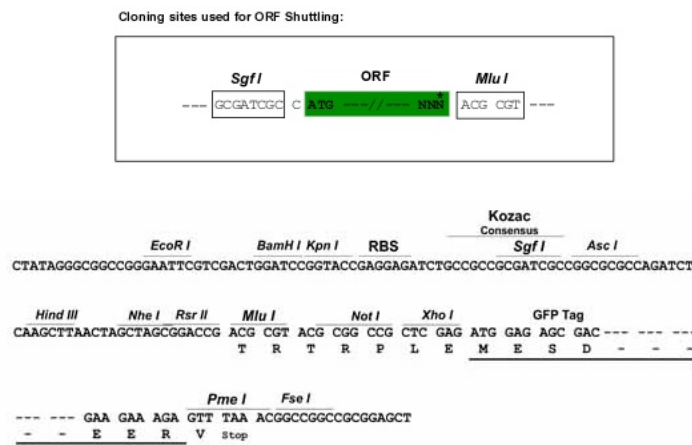


Protein Sequence: >Peptide sequence encoded by RG238601
 Blue=ORF Red=Cloning site Green=Tag(s)

MPSPDSMTFEDIIVDFTQEEWALLDTSQRKLFQDVMLENISHLVSIGKQLCKSVVLSQLEQVEKLSTQR
 ISLLQGREGVIKHQEIPIFIHHIYQKGTSTISTMRSHTQEDPFLCNDLGEDFTQHIALTQNVITYMRTKH
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 SNLRRHEMIHTGEKPHGCHLCKGAFTHCSDLRKHHERHTHTGEKPYGCHLCKGAFKSKSSNLRRHEMIHTRE
 KAQI CHLCKGAFTHCSDLRKHHERHTLGDKPYGCLLCKGAFSKCSYLRQHERTHNGEKPYECHLCKGAFS
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 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001287254

ORF Size: 1512 bp

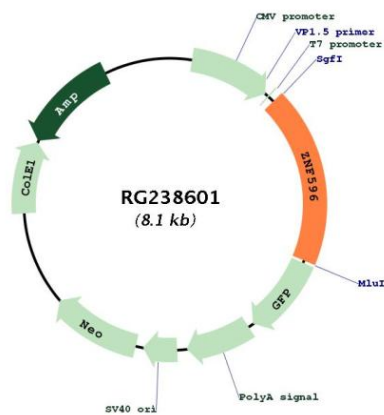
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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_001287254.1, NP_001274183.1](#)
 RefSeq Size: 2721 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 RG238601