

## Product datasheet for **RG236065**

### ZNF7 (NM\_001282796) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF7 (NM\_001282796) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** ZNF7  
**Synonyms:** HF.16; KOX4; zf30  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG236065 representing NM\_001282796.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGTGGTAACATTTGGCGATGTGGCTGTGCATTCTCTCGGGAGGAGTGGCAGTGTCTGGACCCT
GGCCAGAGGGCCCTCTACAGGGAAGTGCTGGAGAACCACAGCAGTGTGGCTGGACTAGCAGGATTC
CTGGTTTTCAAGCCTGAGCTGATCTCTCGGCTGGAGCAGGGAGAAGCCATGGGTCCTCGACTGCAG
GGAGCAGAGGGGACAGAGGCACCAAGGACCTCCAAGACAGGCTTTCTGGGCCGCCAACCATGGGACAA
GAGCCAAGGCACCCACATGCACCGCCTGCAACTCTGTTCTGGCCTTCCAAAACACTGCTCACAAAAGA
CTGACCCTGCCTCCTCTGGGCTCTCGTCATCTCCTCTTGCCACTTCTGGTTCATGATCAGGACAGA
AGGAGGGGAACGTCAGCCATATGGATGGTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236065  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MEVVTFGDVAVHFSREEWQCLDPGQRALYREVMLENHSSVAGLAGFLVFKPELISRLEQGEPEWVLDLQ
GAEGTEAPRTSKTGFGRPTMGQEPHAPPATVPVPLPKHCSQRLTLPPLGLSSPLGHFLVHDQDR
RRGTSAIWMV
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDHMFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

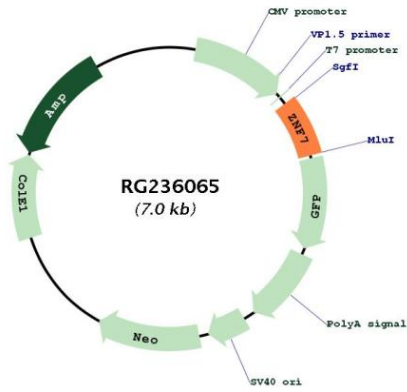
**Restriction Sites:** Sgfl-MluI



**Cloning Scheme:**


- ACCN:** NM\_001282796
- ORF Size:** 444 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\\_001282796.2](#)
- RefSeq Size:** 1929 bp
- RefSeq ORF:** 447 bp
- Locus ID:** 7553
- UniProt ID:** [P17097](#)
- Cytogenetics:** 8q24.3
- Protein Families:** Transcription Factors
- MW:** 16.8 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236065