

## Product datasheet for **RG238671**

### ZNF83 (NM\_001277947) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF83 (NM_001277947) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF83
Synonyms:	HPF1; ZNF816B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG238671 representing NM\_001277947.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCATGGGAGAAAGGATGATGCACAAAAGCAGCCTGTTAAAAATCAGCTTGGATTAACCCCGCAGTCA
CATCTACCAGAAGTGCAGCTATTTCAAGCTGAAGGAAAAATATAAAATATGATCACATGGAAAAATCT
GTCAACAGTAGTTCCTTAGTTCCTCCACCCCAAGTATTTCTTCTACTGTCAAAACCCACATTTCTCAT
ACATATGAATGTAATTTTGTGGATTCATTATTCACACAAAAGAGAAAAGCAAATATTGGGACAGAACAC
TACAAATGTAGTGAGCGTGGCAAGGCCTTTCATCAAGGCTTACATTTTACTATACATCAAATAATCCAT
ACTAAAGAGACGCAATTTAAATGTGATATATGTGGCAAGATCTTCAATAAAAAATCAAACCTTGCAAGT
CATCAAAGAATTCATACTGGAGAGAAGCCATATAAATGTAATGAATGTGGCAAGGCTTCCATAATATG
TCACACCTTGACAGCATCGCAGGATTCATACTGGAGAGAAACCATATAAATGTAATGAATGTGGCAAG
GTCTTTAATCAAATTTACACCTTGACAAACATCAAAGAATTCATACCGGAGAGAAACCTTATAAATGT
AATGAATGTGAAAGGTCTTCCATCAAATTTACACCTTGACAAACATCGGACAATTCATACTGGAGAA
AAACCTTACGAATGTAACAAATGTGGCAAGGTGTCAGTCGCAATTCCTACCTTGTACAACATCTGATC
ATTCATACTGGAGAGAAACCTTACAGATGTAATGTATGTGGAAAGGTCTTCCATCATATTTACACCTT
GCACAACATCAGAGAATCCACACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTCACT
CACAAGTCATCCCTAGTAAATCACTGGAGAATTCATACTGGAGAGAAACCTTACAAATGTAATGAGTGT
GGCAAGGTCTTCACTCACAAGTCATCCCTAGTAAATCACTGGAGAATCCACACTGGAGAGAAACCTTAC
AAATGTAATGAATGTGGCAAGGTCTTCACTCGCAATTCATACCTTGCCCAACATCTGATAATTCATGCC
GGTGAGAAACCTTATAAGTGTGATGAATGTGACAAAGCATTGAGTCAAAATTCACATCTTGTACAACAT
CACAGAATCCATACTGGAGAGAAACCTTACAAATGTGATGAATGTGGCAAGTCTTCACTCAAATTCAT
TACCTTGATATCATTGGAGAATTCATACTGGAGAGAAAGCTTATAAATGTAATGAATGTGGGAAGGTC
TTCGGTCTAAACTCATCCCTAGCACATCATCGGAAAATTCACACTGGAGAGAAACCTTTCAAATGTAAT
GAATGTGGCAAAGCTTTTAGTATGCGTTCAAGCCTCACTAATCATCATGCGATCCACACTGGAGAGAAA
CATTTCAAATGTAATGAATGTGGCAAACCTTCCGCGACAATTCATATCTGTACGTCATCAGAGATTT
CATGCCGAAAGAAATCTAACACATGTAAT
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTAAAC
```

**Protein Sequence:**

>Peptide sequence encoded by RG238671  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MHGRKDDAQKQPVKNQLGLNPQSHLPELQLFQAEGKIYKYDHMEKSVNSSSLVSPQRISSVTKTHISH
TYECNFVDSLFTQKEKANIIGTEHYKCSERGFQHLHFTHQIHTKETQFKCDICGKIFNKKSNLAS
HQRHTGEKPYKCNECGKVFHNMSHLAQHRIHTGEKPYKCNECGKVFNQISHLAQHRIHTGEKPYKC
NECGKVFHQISHLAQHRIHTGEKPYECNKCGKVFSRNSYLQHLIHTGEKPYRCNVCGKVFHHIISHL
AQHRIHTGEKPYKCNECGKVFSHKSSLVNHWRHTGEKPYKCNECGKVFSHKSSLVNHWRHTGEKPY
KCNECGKVFSRNSYLAQHLLIHAGEKPYKCDECDKAFSQNSHLVQHRIHTGEKPYKCDECGKVFQNS
YLAYHWRHTGEKAYKCNECGKVFGLNSSLAHRKHTGEKPFKNECGKAFSMRSSLNHHAIHTGEK
HFKCNECGKLFVQRFHAGKKSNTCN
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
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```

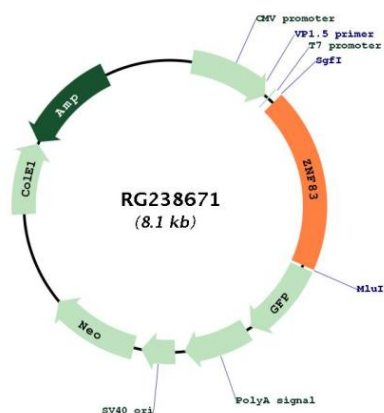
**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


- ACCN:** NM\_001277947
- ORF Size:** 1548 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\\_001277947.1](#), [NP\\_001264876.1](#)
- RefSeq Size:** 2962 bp
- RefSeq ORF:** 1551 bp
- Locus ID:** 55769
- UniProt ID:** [P51522](#)
- Cytogenetics:** 19q13.41
- Protein Families:** Transcription Factors
- MW:** 60.2 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238671