

Product datasheet for **RG234256**

ZNF83 (NM_001242538) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF83 (NM_001242538) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RG234256 representing NM_001242538
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCATGGGAGAAAGGATGATGCACAAAAGCAGCCTGTTAAAAATCAGCTTGGATTAAACCCGAGTCAC
 ATCTACCAGAACTGCAGCTATTTCAAGCTGAAGGGAAAAATATATAAATATGATCATGGAATAATCTGT
 CAACAGTAGTTTCTTAGTTTCCCAACCAACGATTTTCTTCTACTGTCAAAACCCACATTTCTCATACA
 TATGAATGTAATTTGTGGATTCAATTCACACAAAAAGAGAAAGCAAAATTTGGGACAGAACTACA
 AATGTAGTGAGCGTGGCAAGGCTTTCATCAAGGCTTACATTTTACTATACATCAATAATCCATACTAA
 AGAGACGCAATTTAAATGTGATATATGTGGCAAGATCTCAATAAAAAATCAAACCTTGCAAGTCATCAA
 AGAATTCATACTGGAGAGAAGCCATATAAATGAATGAATGTGGCAAGGTCTTCATAATATGTCACACC
 TTGCACAGCATCGCAGGATTCATACTGGAGAGAAACCATATAAATGAATGAATGTGGCAAGGTCTTTAA
 TCAAAATTCACACCTTGACAACATCAAAGAATTCATACCGAGAGAAACCTTATAAATGAATGAATGT
 GGAAAGGTCTTCATCAATTTACACCTTGACAACATCGGACAATTCATACTGGAGAAAAACCTTACG
 AATGTAACAAATGTGGCAAGGTGTTCACTCGCAATTCCTACCTTGTAACAATCTGATCATTCTACTGG
 AGAGAAACCTTACAGATGTAATGTATGTGGAAAGGTCTTCAGTCAACAAGTCATCCCTAGTAAATCACTGG
 AGAATTCATACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTCAGTCAACAAGTCATCCC
 TAGTAAATCACTGGAGAAATCCACACTGGAGAGAAACCTTACAAATGTAATGAATGTGGCAAGGTCTTCAG
 TCGCAATTCATACCTTGCCCAACATCTGATAATTCATGCCGGTGAGAAACCTTATAAGTGTGATGAATGT
 GACAAAGCATTTCAGTCAAAATTCACATCTTGTACAACATCACAGAATCCATACTGGAGAGAAACCTTACA
 AATGTGATGAATGTGGCAAGTCTTCAGTCAAAATTCATACCTTGATATCATTGGAGAAATTCATCTGG
 AGAAAAAGCTTATAAATGTAATGAATGTGGGAAGGTCTTCGGTCTAAACTCATCCCTAGCACATCATCGG
 AAAATTCACACTGGAGAGAAACCTTTCAAATGTAATGAATGTGGCAAGCTTTTAGTATGCGTTCAAGCC
 TCACTAATCATCATGCGATCCACACTGGAGAGAAACATTTCAAATGTAATGAATGTGGCAAGCTTTCCG
 CGACAATTCATATCTTGTACGTCATCAGAGATTCATGCCGGAAGAAATCTAACACATGTAAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234256 representing NM_001242538
 Red=Cloning site Green=Tags(s)

MHGRKDDAQKQPVKNQLGLNPQSHLPELQLFQAEGKIYKYDHMEKSVNSSSLVSPQQRISSTVKTHISHT
 YECNFVDSLFTQKEKANIGTEHYKCSERGKAFHQGLHFTIHQIIHTKETQFKCDICGKIFNKKSNLASHQ
 RIHTGEKPYKCNECGKVFHNMSHLAQHRIHTGEKPYKCNECGKVFNQISHLAQHRIHTGEKPYKCNEC
 GKVFHQISHLAQHRTIHTGEKPYECNKGKVFSRNSYLQHLIIHTGEKPYRCNVCGKVFSHKSSLVNHW
 RIHTGEKPYKCNECGKVFSHKSSLVNHWRIHTGEKPYKCNECGKVFSRNSYLAQHLLIHAGEKPYKCDEC
 DKAFSQNSHLVQHHRIHTGEKPYKCDECGKVFQNSYLAHWRHTGEKAYKCNECGKVFGLNSSLAHHR
 KIHTGEKPFKCNECGKAFSMRSSLTNHHAHTGEKHFKCNECGKLFDRNSYLVRHQRFHAGKKSNTCN

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001242538

ORF Size: 1464 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001242538.1](#), [NP_001229467.1](#)

RefSeq Size: 2750 bp

RefSeq ORF: 1466 bp

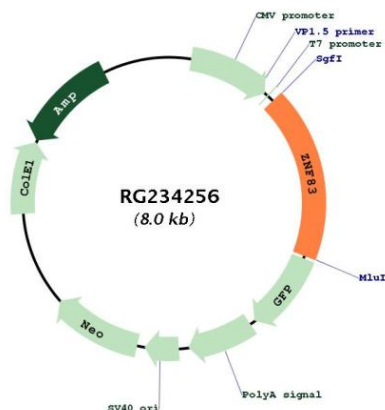
Locus ID: 55769

Cytogenetics: 19q13.41

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG234256