

Product datasheet for **RC234256**

ZNF83 (NM_001242538) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF83 (NM_001242538) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF83
Synonyms:	HPF1; ZNF816B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC234256 representing NM_001242538
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCATGGGAGAAAGGATGATGCACAAAAGCAGCCTGTTAAAAATCAGCTTGATTAAACCCGAGTCAC
 ATCTACCAGAAGTGCAGCTATTTCAAGCTGAAGGGAAAAATATATAAATATGATCAGATGGAAAAATCTGT
 CAACAGTAGTTTCCTTAGTTTCCCCACCCCAACGATTTTCTTACTGTCAAAACCCACATTTCTCATACA
 TATGAATGTAATTTGTGGATTCATTATTCACACAAAAAGAGAAAGCAAATATTGGGACAGAACTACTACA
 AATGTAGTGAGCGTGGCAAGGCCTTTCATCAAGGCTTACATTTTACTATACATCAAATAATCCACTACTAA
 AGAGACGCAATTTAAATGTGATATATGTGGCAAGATCTCAATAAAAAATCAAACCTTGCAAGTCATCAA
 AGAATTCATACTGGAGAGAAGCCATATAAATGTAATGAATGTGGCAAGGTCTCCATAATATGTCACACC
 TTGCACAGCATCGCAGGATTCATACTGGAGAGAAACCATATAAATGTAATGAATGTGGCAAGGTCTTTAA
 TCAAATTTACACCTTGACAACATCAAAGAATTCATACCGGAGAGAAACCTTATAAATGTAATGAATGT
 GGAAAGGTCTCCATCAAATTTACACCTTGACAACATCGGACAATTCATACTGGAGAAAAACCTTACG
 AATGTAACAAATGTGGCAAGGTGTTCACTCGCAATTCCTACCTTGTAACAACATCTGATCATTCTACTGG
 AGAGAAACCTTACAGATGTAATGTATGTGGAAAGGTCTTCAGTCAACAAGTCATCCCTAGTAAATCACTGG
 AGAATTCATACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTCAGTCAACAAGTCATCCC
 TAGTAAATCACTGGAGAAATCCACACTGGAGAGAAACCTTACAAATGTAATGAATGTGGCAAGGTCTTCAG
 TCGCAATTCATACCTTGCCCAACATCTGATAATTCATGCCGGTGAGAAACCTTATAAGTGTGATGAATGT
 GACAAAGCATTTCAGTCAAATTCACATCTTGTACAACATCACAGAATCCATACTGGAGAGAAACCTTACA
 AATGTGATGAATGTGGCAAGGTCTTCAGTCAAATTCATACCTTGATATCATTGGAGAAATTCATCTGG
 AGAAAAAGCTTATAAATGTAATGAATGTGGAAAGGTCTTCGGTCTAAACTCATCCCTAGCACATCATCGG
 AAAATTCACACTGGAGAGAAACCTTTCAAATGTAATGAATGTGGCAAGGTCTTTAGTATGCGTTCAAGCC
 TCACTAATCATCATGCGATCCACACTGGAGAGAAACATTTCAAATGTAATGAATGTGGCAAACTCTTCCG
 CGACAATTCATATCTTGTACGTCATCAGAGATTCATGCCGAAAGAAATCTAACACATGTAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234256 representing NM_001242538
 Red=Cloning site Green=Tags(s)

MHGRKDDAQKQPVKNLGLNPQSHLPELQLFQAEGKIYKYDHMEKSVNSSSLVSPQRISSVTKTHISHT
 YECNFVDSLFTQKEKANIGTEHYKCSERKAFHQGLHFTIHQIIHTKETQFKCDICGKIFNKKSNLASHQ
 RIHTGEKPYKCNECGKVFHNMSHLAQHRRHTGEKPYKCNECGKVFNQIISHLAQHQRIHTGEKPYKCNEC
 GKVFHQIISHLAQHRTIHTGEKPYECNKCGKVFSRNSYLVOHLIHTGEKPYRCNVCGKVFSHKSSLVNHW
 RIHTGEKPYKCNECGKVFSHKSSLVNHWRIHTGEKPYKCNECGKVFSRNSYLAQHLLIHTHAGEKPYKCDEC
 DKAFSQNSHLVQHHRIHTGEKPYKCDECGKVFQNSYLAHWRHTGEKAYKCNECGKVFGLNSSLAHHR
 KIHTGEKPFKCNECGKAFSMRSSLTNHHAHTGEKHFKCNECGKLFDRNSYLVRHQRFHAGKKSNTCN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

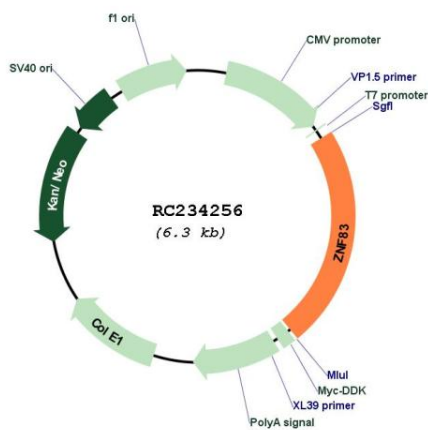
RefSeq ORF: 1466 bp

Locus ID: 55769

Cytogenetics: 19q13.41

Protein Families: Transcription Factors
 MW: 56.9 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC234256