

Product datasheet for **RC225886**

ZNF83 (NM_001105550) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF83 (NM_001105550) 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)



[View online »](#)

ORF Nucleotide Sequence:

>NM_001105550 ORF sequence, RC225886 may differ due to SNPs.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCATGGGAGAAAGGATGATGCACAAAAGCAGCCTGTAAAAATCAGCTTGGATTAACCCCGAGTCA
CATCTACCAGAAGTGCAGCTATTTCAAGCTGAAGGAAAAATATAAAATATGATCACATGGAAAAATCT
GTCAACAGTAGTTCCTTAGTTTCCACACCCAAGTATTTCTTCTACTGTCAAAACCCACATTTCTCAT
ACATATGAATGTAATTTTGTGGATTCAATTATTCACACAAAAGAGAAAAGCAAATATTGGGACAGAACAC
TACAAATGTAGTGAGCGTGGCAAGGCCTTTCATCAAGGCTTACATTTTACTATACATCAAATAATCCAT
ACTAAAGAGACGCAATTTAAATGTGATATATGTGGCAAGATCTTCAATAAAAAATCAAACCTTGCAAGT
CATCAAAGAATTCATACTGGAGAGAAGCCATATAAATGTAATGAATGTGGCAAGGCTTCCATAATATG
TCACACCTTGACAGCATCGCAGGATTCATACTGGAGAGAAACCATATAAATGTAATGAATGTGGCAAG
GTCTTTAATCAAATTTACACCTTGACAAACATCAAAGAATTCATACCGGAGAGAAACCTTATAAATGT
AATGAATGTGGAAAGGTCTTCCATCAAATTTACACCTTGACAAACATCGGACAATTCATACTGGAGAA
AAACCTTACGAATGTAACAAATGTGGCAAGGTGTCAGTCGCAATTCCTACCTTGTACAACATCTGATC
ATTCATACTGGAGAGAAACCTTACAGATGTAATGTATGTGGAAAGGTCTTCCATCATATTTACACCTT
GCACAACATCAGAGAATCCACACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTCAGT
CACAAGTCATCCCTAGTAAATCACTGGAGAATTCATACTGGAGAGAAACCTTACAAATGTAATGAGTGT
GGCAAGGTCTTCAGTCACAAGTCATCCCTAGTAAATCACTGGAGAATCCACACTGGAGAGAAACCTTAC
AAATGTAATGAATGTGGCAAGGTCTTCAGTCGCAATTCATACCTTGCCCAACATCTGATAATTCATGCC
GGTGAGAAACCTTATAAGTGTGATGAATGTGACAAAGCATTGAGTCAAAATTCACATCTTGTACAACAT
CACAGAATCCATACTGGAGAGAAACCTTACAAATGTGATGAATGTGGCAAGGTCTTCAGTCAAAATTC
TACCTTGCATATCATTGGAGAATTCATACTGGAGAAAAAGCTTATAAATGTAATGAATGTGGGAAGGTC
TTCGGTCTAAACTCATCCCTAGCACATCATCGGAAAAATTCACACTGGAGAGAAACCTTTCAAATGTAAT
GAATGTGGCAAAGCTTTTAGTATGCGTTCAAGCCTCACTAATCATCATGCGATCCACACTGGAGAGAAA
CATTTCAAATGTAATGAATGTGGCAAACCTTCCGCGACAATTCATATCTGTACGTCATCAGAGATTT
CATGCCGGAAGAAATCTAACACATGTAAT
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Protein Sequence:

>Peptide sequence encoded by RC225886
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MHGRKDDAQKQPVNQLGLNPQSHLPELQLFQAEGKIYKYDHMEKSVNSSSLVSPQRISSVTKTHISH
TYECNFVDSLFTQKEKANIGTEHYKCSERGFQHLHFTHQIHTKETQFKDCIGKIFNKSNLAS
HQRIHTGEKPYKCNECGKVFHNMSHLAQHRIHTGEKPYKCNECGKVFNQISHLAQHRIHTGEKPYKC
NECGKVFHQISHLAQHRIHTGEKPYECNKCGKVFSRNSYLQHLIHTGEKPYRCNVCGKVFHHISHL
AQHRIHTGEKPYKCNECGKVFSHKSSLVNHWRHTGEKPYKCNECGKVFSHKSSLVNHWRHTGEKPY
KCNECGKVFSRNSYLAQHLLIHAGEKPYKCDECDKAFSQNSHLVQHRIHTGEKPYKCDECGKVFQNS
YLAYHWRHTGEKAYKCNECGKVFGLNSSLAHRKHTGEKPFKNECGKAFSMRSSLTNHHAHTGEK
HFKCNECGKLFQNSYLVHRQRFHAGKSNKCN
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001105550

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).

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_001105550.1](#), [NP_001099020.1](#)

RefSeq Size: 2847 bp

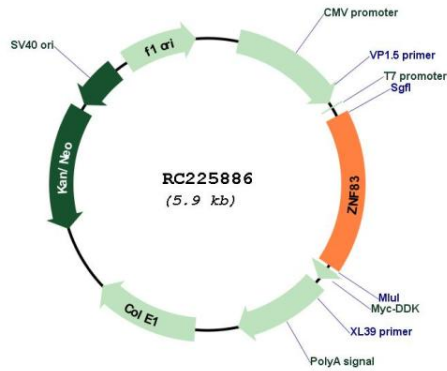
RefSeq ORF: 1551 bp

Locus ID: 55769

UniProt ID: [P51522](#)

Cytogenetics: 19q13.41
 Protein Families: Transcription Factors
 MW: 59.7 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC225886