

## Product datasheet for **RC225887**

### ZNF83 (NM\_001105551) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF83 (NM_001105551) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF83
Synonyms:	HPF1; ZNF816B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>NM\_001105551 ORF sequence, RC225887 may differ due to SNPs.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCATGGGAGAAAGGATGATGCACAAAAGCAGCCTGTAAAAATCAGCTTGGATTAACCCCGCAGTCA
CATCTACCAGAAGTGCAGCTATTTCAAGCTGAAGGGAAAAATATAAAATATGATCACATGGAAAAATCT
GTCAACAGTAGTTCCTTAGTTTCCACACCCAAGTATTTCTTCTACTGTCAAAACCCACATTTCTCAT
ACATATGAATGTAATTTTGTGGATTCATTATTCACACAAAAGAGAAAAGCAAATATTGGGACAGAACAC
TACAAATGTAGTGAGCGTGGCAAGGCCTTTCATCAAGGCTTACATTTTACTATACATCAAATAATCCAT
ACTAAAGAGACGCAATTTAAATGTGATATATGTGGCAAGATCTTCAATAAAAAATCAAACCTTGCAAGT
CATCAAAGAAATTCATACTGGAGAGAAGCCATATAAATGTAATGAATGTGGCAAGGCTTCCATAATATG
TCACACCTTGACAGCATCGCAGGATTCATACTGGAGAGAAACCATATAAATGTAATGAATGTGGCAAG
GTCTTTAATCAAATTTACACCTTGACAAACATCAAAGAATTCATACCGGAGAGAAACCTTATAAATGT
AATGAATGTGAAAGGTCTTCCATCAAATTTACACCTTGACAAACATCGGACAATTCATACTGGAGAA
AAACCTTACGAATGTAACAAATGTGGCAAGGTGTCAGTCGCAATTCCTACCTTGTACAACATCTGATC
ATTCATACTGGAGAGAAACCTTACAGATGTAATGTATGTGGAAAGGTCTTCCATCATATTTACACCTT
GCACAACATCAGAGAATCCACACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTCACT
CACAAGTCATCCCTAGTAAATCACTGGAGAATTCATACTGGAGAGAAACCTTACAAATGTAATGAGTGT
GGCAAGGTCTTCACTCACAAGTCATCCCTAGTAAATCACTGGAGAATCCACACTGGAGAGAAACCTTAC
AAATGTAATGAATGTGGCAAGGTCTTCACTCGCAATTCATACCTTGCCCAACATCTGATAATTCATGCC
GGTGAGAAACCTTATAAGTGTGATGAATGTGACAAAGCATTAGTCAAAATTCACATCTTGTACAACAT
CACAGAATCCATACTGGAGAGAAACCTTACAAATGTGATGAATGTGGCAAGGTCTTCACTCAAATTCAT
TACCTTGATATCATTGGAGAATTCATACTGGAGAGAAAGCTTATAAATGTAATGAATGTGGGAAGGTC
TTCGGTCTAAACTCATCCCTAGCACATCATCGGAAAATTCACACTGGAGAGAAACCTTCAAATGTAAT
GAATGTGGCAAAGCTTTTAGTATGCGTTCAAGCCTCACTAATCATCATGCGATCCACACTGGAGAGAAA
CATTTCAAATGTAATGAATGTGGCAAACCTTCCGCGACAATTCATATCTGTACGTCATCAGAGATTT
CATGCCGGAAGAAATCTAACACATGTAAT
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Protein Sequence:**

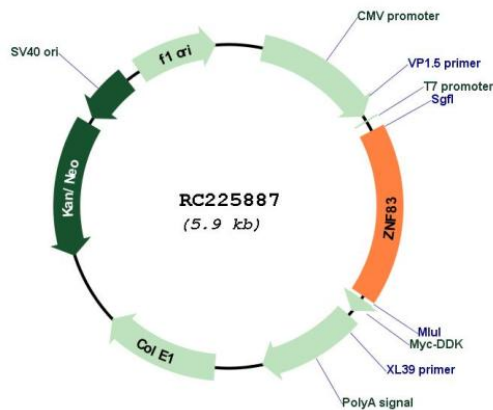
>Peptide sequence encoded by RC225887  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MHGRKDDAQKQPVKNLGLNPQSHLPELQLFQAEGKIYKYDHMEKSVNSSSLVSPQRISSVTKTHISH
TYECNFVDSLFTQKEKANIGTEHYKCSERGFHQLHFTIHQIHTKETQFKCDICGKIFNKKSNLAS
HQRHTGEKPYKCNECGKVFHNMSHLAQHRIHTGEKPYKCNECGKVFNQISHLAQHRIHTGEKPYKC
NECGKVFHQISHLAQHRTIHTGEKPYECNKCGKVFSRNSYLVQHLIHTGEKPYRCNVCGKVFHHISHL
AQHRIHTGEKPYKCNECGKVFSHKSSLVNHWRHTGEKPYKCNECGKVFSHKSSLVNHWRHTGEKPY
KCNECGKVFSRNSYLAQHLLIHTGEKPYKDECDKAFSQNSHLVQHRIHTGEKPYKDECGKVF SQNS
YLAYHWRHTGEKAYKNECGKVFGLNSSLAHHRKIHTGEKPFKNECGKAF SMRSSLTNHHAHTGEK
HFKNECGKLF RDNSYLVRHQRFHAGKKSNTCN
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**

**ACCN:**

NM\_001105551

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001105551.1</a> , <a href="#">NP_001099021.1</a>
<b>RefSeq Size:</b>	2873 bp
<b>RefSeq ORF:</b>	1551 bp
<b>Locus ID:</b>	55769
<b>UniProt ID:</b>	<a href="#">P51522</a>
<b>Cytogenetics:</b>	19q13.41
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	59.7 kDa
<b>Gene Summary:</b>	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]