

## Product datasheet for **RC225838**

### ZNF83 (NM\_001105554) Human Tagged ORF Clone

#### Product data:

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                         |
| Product Name:      | ZNF83 (NM_001105554) 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                                    |



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**ORF Nucleotide Sequence:**

>RC225838 representing NM\_001105554  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCATGGTAGAAAGGATGATGCACAAAAGCAGCCTGTTAAAAATCAGCTTGATTAAACCCGAGTCAC  
 ATCTACCAGAAGTGCAGCTATTTCAAGCTGAAGGGAAAAATATATAAATATGATCAGATGGAAAAATCTGT  
 CAACAGTAGTTTCCTTAGTTTCCCCACCCCAACGTATTTCTTCTACTGTCAAACCCACATTTCTCATACA  
 TATGAATGTAATTTGTGGATTCATTATTCACACAAAAAGAGAAAAGCAAATATTGGGACAGAACTACA  
 AATGTAATGAGCGTGGCAAGGCCTTTCATCAAGGCTTACATTTTACTATACATCAAATAATCCATACTAA  
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 TTGCACAGCATCGCAGGATTCATACTGGAGAGAAACCATATAAATGTAATGAATGTGGCAAGGTCTTTAA  
 TCAAATTTACACCTTGACAACATCAAAGAATTCATACCGGAGAGAAACCTTATAAATGTAATGAATGT  
 GGAAAGGTCTCCATCAAATTTACACCTTGACAACATCGGACAATTCATACTGGAGAAAAACCTTACG  
 AATGTAACAAATGTGGCAAGGTGTTCACTCGCAATTCCTACCTTGTAACAACATCTGATCATTCTACTGG  
 AGAGAAACCTTACAGATGTAATGTATGTGGCAAGGTCTTCAGTCAACAAGTCATCCCTAGTAAATCACTGG  
 AGAATTCATACTGGAGAGAAACCTTACAATGTAATGAGTGTGGCAAGGTCTTCAGTCAACAAGTCATCCC  
 TAGTAAATCACTGGAGAAATCCACACTGGAGAGAAACCTTACAATGTAATGAATGTGGCAAGGTCTTCAG  
 TCGCAATTCATACCTTGCCCAACATCTGATAATTCATGCCGGTGAGAAACCTTATAAGTGTGATGAATGT  
 GACAAAGCATTTCAGTCAAATTCACATCTTGTACAACATCACAGAATCCATACTGGAGAGAAACCTTACA  
 AATGTGATGAATGTGGCAAGGTCTTCAGTCAAATTCATACCTTGATATCATTGGAGAAATTCATCTGG  
 AGAAAAAGCTTATAAATGTAATGAATGTGGCAAGGTCTTCGGTCTAAACTCATCCCTAGCACATCATCGG  
 AAAATTCACACTGGAGAGAAACCTTTCAAATGTAATGAATGTGGCAAGGTCTTTAGTATGCGTTCAAGCC  
 TCACTAATCATCATGCGATCCACACTGGAGAGAAACATTTCAAATGTAATGAATGTGGCAAACTCTTCCG  
 CGACAATTCATATCTTGTACGTCATCAGAGATTCATGCCGAAAGAAATCTAACACATGTAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC225838 representing NM\_001105554  
 Red=Cloning site Green=Tags(s)

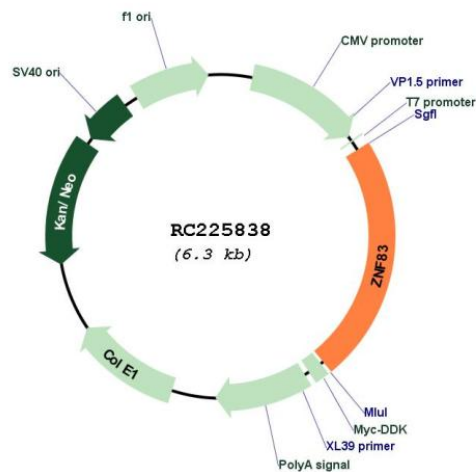
MHGRKDDAQKQPVKNLGLNPQSHLPELQLFQAEGKIYKYDHMEKSVNSSSLVSPQRISSVTKTHISHT  
 YECNFVDSLFTQKEKANIGTEHYKNERGKAFHQGLHFTIHQIIHTKETQFKCDICGKIFNKKSNLASHQ  
 RIHTGEKPYKCNECGKVFHNMSHLAQHRIHTGEKPYKCNECGKVFNQISHLAQHRIHTGEKPYKCNEC  
 GKVFHQISHLAQHRTIHTGEKPYECNCGKVF SRNSYL VQHLLIHTGEKPYRCNVCGKVF SHKSSLVNH  
 RIHTGEKPYKCNECGKVF SHKSSLVNHRIHTGEKPYKCNECGKVF SRNSYLAQHLLIHTGEKPYKDE  
 DKAF SQNSHLVQHRIHTGEKPYKDECGKVF SQNSYLA YHWRIHTGEKAYKCNECGKVFGLNSSLAHHR  
 KIHTGEKPFKNECGKAF SMRSSL TNHHA IHTGEKHFKNECGKLF RDNSYLVRHQRFHAGKKSNTCN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001105554

**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\\_001105554.1](#), [NP\\_001099024.1](#)

**RefSeq ORF:** 1466 bp

**Locus ID:** 55769

**Cytogenetics:** 19q13.41

**Protein Families:** Transcription Factors

**MW:** 56.2 kDa

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