

## Product datasheet for **RC239266**

### **ZNF133 (NM\_001283007) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ZNF133 (NM_001283007) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF133
Synonyms:	pHZ-13; pHZ-66; ZNF150
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide  
Sequence:

>RC239266 representing NM\_001283007  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGGAGCTGCCGCTTCAGGGCGCCCTGGTGGCGCCGAGCATCCTGGGAGGTGTGGTCCGGGCGCTG  
TGCCGAGATTTCGGGTAGTGTAGTCCTGGCGCCCGCTGGAGGAGCTCCCAGCTGGTGGCTGGAGCGA  
CCCCTTGTCTTTGGTGGCGCTGGAATTCATTTTCTAAACCAGAACTCATCACCCAGCTGGAGCAAGGG  
AAAGAGACCTGGAGAGAGGAAAAAATGTTCCACGGCAACCTGTCCAGATCCAGAGCCAGAGCTTACC  
TCGATCCTTTCTGCCCTCCGGTTTCTCCAGTCAGAAATCCCCATGCAGCATGTGCTGTGAATCATCC  
CCCCTGGATCTTCACATGCTTGTGTGCAGAAGTAACATCCAGCCTGGGGATCCGGGCCAGGGGACCAG  
GAGAAGCAGCAACAAGCCTCTGAGGGGAGACCCTGGAGTGATCAAGCAGAAGTCTGAGGGAGAAGGTG  
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AGTCAGCTCTCGAACGGCCTCAGAGGGGTGGAGTTAGAAGCCAGCCAGCTCAGACAGGGAACCCCTGAG  
GAAACAGACAAATTTGTTGAAGAGGATAGAAGTCTTAGGATTTGGAACAGTCAACTGTGGAGAGTGTGGAC  
TGAGCTTCAGCAAGATGACAAACCTGCTCAGTACCAGCGGATACACTCAGGGGAGAAGCCCTACGTGTG  
TGGGGTATGTGAGAAGGGCTTACGCTAAAGAAGGCCTCGCCAGACACCAGAAGGCACACTCGGGGGAG  
AAGCCAATTGTGTGCAGGGAGTGTGGACGAGGCTTTAACCAGGAGTCAACGCTAATCATACACGAACGGA  
CACACTCCGGTGAGAAACCTTACATGTGCAGTGTGGTGGCGAGGCTTTCAGCCAGAAGTCAAACCTCAT  
CATACACCAGAGGACACACTCAGGGGAAAAGCCTTACGTGTGCCGGGAATGTGGCAAAGGCTTACGCCAG  
AAGTCAGCTGTGTGAGACACCAGAGGACACACTTGGAGGAGAAGACCATCGTGTGCAGTGTACTGTGGCC  
TGGGCTTCAGCGACAGGTCAAACCTCATCTCCACCAGAGGACGCACTCTGGGGAGAAGCCCTACGCCTG  
CAAGGAGTGTGGCGATGCTTCAGGCAGAGGACCACCCTTGTCAACCACCAGAGGACACACTCAAAGGAG  
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CAGACACCAGAACATACTCAGGAGAGAAGCCATTGTGTGCAAGGACTGTGGCCGGGGCTTTCAGCCAG  
CAATCAAACCTCATCAGACACCAGAGGACGCACTCAGGCGAGAAGCCATGGTGTGTGGGAGTGCAGGCG  
GAGGCTTCAGCCAGAAGTCAAACCTTGTGCACACCAGAGGACGCACTCAGGGGAGAGGCCGTATGTGTG  
CCGAGAGTGCAGGCGAGGCTTACGCCACCAGGCGGTCTCATCAGGCACAAGCGGAAGCACTCGAGGGAG  
AAGCCCTACATGTGCAGGCACTGTGGACTGGGCTTTGGCAATAAGTCAGCTCTAATTACACACAAGCGGG  
CTCACTCGGAAGAGAAGCCTTGTGTGTGAGAGAGTGTGGCCAAGGCTTCTCCAAAAGTACACCTCAC  
CTTACATCAAATGACACATACGGGGGAGAAGCCATATGTGTGCAAGACGTGTGGGCGGGGCTTCAGCCTC  
AAGTCTCACTCAGCAGACACAGGAAGACCAGTCTGTCCACCACAGACTGCCAGTGCAGCCCGACCCTG  
AGCCGTGTGCAGGGCAACCTTCGGATTCCTTATACTCTCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC239266 representing NM\_001283007  
 Red=Cloning site Green=Tags(s)

MGAAGLQGAPGGAEHPGRCGPGAVPRIRGSVVLAPRWSSPAGGWSDFLFFGGAGISFSKPELITQLEQG  
 KETWREEKKCSPATCPDPEPELYLDPFCPPGFSSQKFPMQHVLNHPPIWFTCLCAEGNIQPGDPGPDQ  
 EKQQQASEGRPWSDAQEGPEGEGAMPLFGRTRKRTLGAFSRPPQRQPVSSRNLRGVELEASPAQTGNPE  
 ETDKLLKRIEVLGFGTVNCGEGLSFSKMTNLLSHQRIHSGEKPYVCGVCEKGFSLKSLARHQKAHSGE  
 KPIVCRECGRGFNRKSTLIHERTHSGEKPYMCSECGRGFSQKSNLIIHQRTHSGEKPYVCRECGKFSQ  
 KSAVVRHQRTHLEEKTIIVCSDCGLGFSDRSNLISHQRTHSGEKPYACKCEGRCFRQRTTLVNHQRTHSKE  
 KPYVCGVCGHSFSQNSTLISHRRHTGKPYVCGVCGRGSLSKSHLNRHQNIHSGEKPIVCKDCGRGFSQ  
 QSNLIRHQRTHSGEKPMVCGEGRGFSQKSNLVAHQRTHSGERPYVCRECGRGFSHQAGLIRHKRHSRE  
 KPYMCRQCGLGFGNKSALITHKRAHSEEKPCVCRECGQFLQKSHLTLHQMTHTGKPYVCKTCGRGFSL  
 KSHLSRHRKTTSVHRLPVQPDPEPCAGQPSDSL YSL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

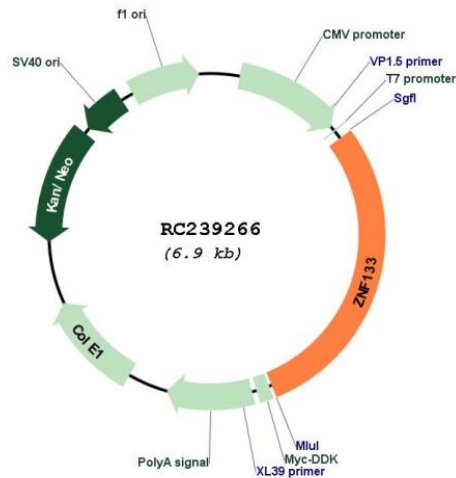
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



## Plasmid Map:



ACCN: NM\_001283007

ORF Size: 2001 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\\_001283007.2](#)

RefSeq Size:	2360 bp
RefSeq ORF:	2004 bp
Locus ID:	7692
Cytogenetics:	20p11.23
Protein Families:	Transcription Factors
MW:	74.3 kDa
Gene Summary:	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]