

## Product datasheet for **RC239278**

### **ZNF133 (NM\_001282996) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ZNF133 (NM_001282996) 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



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ORF Nucleotide  
Sequence:

>RC239278 representing NM\_001282996  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCACACATGGCATTAGGGATGTGGCTGTGGATTTACCCAGGATGAGTGGAGGCTGCTGAGCCCTG  
CTCAAAGGACTCTGTACAGAGAGGTGATGCTGGAGAACTACAGCAACCTGGTCTCACTGGGAATTCATT  
TTCTAAACCAGAACTCATCACCCAGCTGGAGCAAGGAAAAGAGACCTGGAGAGAGAAAAAATGTTCA  
CCGGCAACCTGTCCAGATCATCAAGAATATGGAACAACCTGTGACCTACAGAAAGAAGCAGATCCAGAGC  
CAGAGCTCTACCTCGATCCTTTCTGCCCTCCGGGTTTCTCCAGTCAGAAATCCCCATGCAGCATGTGCT  
GTGTAATCATCCCCCTGGATCTTCACATGCTTGTGTGCAGAAGGTAACATCCAGCTGGGGATCCGGGC  
CCAGGGGACCAGGAGAAGCAGCAACAAGCCTCTGAGGGGAGACCCTGGAGTGATCAAGCAGAAGTCTGT  
AGGGAGAAGGTGCCATGCCTTTGTTGGAAGAACAAGAAAAGGACTCTGGGAGCGTTCTCCAGGCCACC  
CCAGAGGCAGCCAGTCAGCTCTCGAACGGCCTCAGAGGGGTGGAGTTAGAAGCCAGCCAGCTCAGACA  
GGGAACCTGAGGAAACAGACAAATTTGTTGAAGAGGATAGAAGTCTTAGGATTTGGAACAGTCAACTGTG  
GAGAGTGTGGACTGAGCTTCAGCAAGATGACAAACCTGCTCAGTCACCAGCGGATACACTCAGGGGAGAA  
GCCCTACGTGTGTGGGTATGTGAGAAGGGCTTCAGCCTAAAGAAGAGCCTCGCCAGACACCAGAAGGCA  
CACTCGGGGAGAGAAGCCAATTGTGTGCAGGGAGTGTGGACGAGGCTTTAACCGGAAGTCAACGCTAATCA  
TACACGAACGGACACACTCCGGTGAGAAACCTTACATGTGCAGTGTGAGTGTGGCGAGGCTTCAGCCAGAA  
GTCAAACCTCATCATACACCAGAGGACACACTCAGGGGAAAAGCCTTACGTGTGCCGGGAATGTGGCAA  
GGCTTCAGCCAGAAGTCAGCTGTGTCGAGACACCAGAGGACACACTTGGAGGAGAAGACCATCGTGTGCA  
GTGACTGTGGCTGGGCTTCAGCGACAGGTCAAACCTCATCTCCACCAGAGGACGCACTCTGGGGAGAA  
GCCCTACGCCTGCAAGGAGTGTGGGCGATGCTTCAGGCAGAGGACCACCTTGTCAACCACCAGAGGACA  
CACTCAAAGGAGAAGCCCTATGTGTGCGGGGTGTGTGGGCACAGCTTCAGCCAGAATTAACCCCTCATCT  
CTCACAGGCGGACACACTGGGGAGAAGCCGTATGTTTGTGGGTGTGTGGCGAGGCTTTAGTCTCAA  
GTCACACCTCAACAGACACCAGAACATACACTCAGGAGAGAAGCCATTGTGTGCAAGGACTGTGGCCGG  
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GGGAGTGGGGGAGGCTTCAGCCAGAAGTCAAACCTTGTGACACCAGAGGACGCACTCAGGGGAGAG  
GCCGTATGTGTGCCGAGAGTGGGGCGAGGCTTTAGCCACCAGGCGGTCTCATCAGGCACAAGCGGAAG  
CACTCGAGGGAGAAGCCCTACATGTGCAGGAGTGTGGACTGGGCTTTGGCAATAAGTCAGCTCTAATTA  
CACACAAGCGGGCTCACTCGGAAGAGAAGCCTTGTGTGTGAGAGAGTGTGGCCAAGGCTTTCTCCAAA  
GTCACACCTCACCTTACATCAAATGACACATACGGGGGAGAAGCCATATGTGTGCAAGACGTGTGGCGG  
GGCTTCAGCCTCAAGTCTCACCTCAGCAGACACAGGAAGACCAGTCTGTCCACCACAGACTGCCAGTGC  
AGCCCCACCTGAGCCGTGTGCAGGGCAACCTTCGGATTCTTATACTCTCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC239278 representing NM\_001282996  
 Red=Cloning site Green=Tags(s)

MAHMAFRDVAVDFTQDEWRLLSPAQRTL YREVMLNYSNLVSLGISFSKPELITQLEQGKETWREEKKCS  
 PATCPDHQEQYGNCDLQKEADPEPELYLDPFCPPGFSSQKFPMQHVL CNHPPWIF TCLCAEGNIQPGDPG  
 PGDQEKQQQASEGRPWSDAQEGPEGEGAMPLFGRTKKRTL GAFSRPPQRPVSSRNLRGVELEASPAQT  
 GNPEETDKLLKRIEVLGFGTVNCGECGLSFSKMTNLLSHQRIHSGEKPYVCGVCEKGFSLKKS LARHQKA  
 HSGEKPIVCRECGRGNFRKSTLIIHERTHSGEKPYMCSECGRGSQKSNLIIHQRTSGEKPYVCRECGK  
 GFSQKSAYVRHQRT HLEEKTI VCSDCGLGFSDRSNLISHQRTSGEKPYACEKCGRCFRQRTTLVNHQRT  
 HSKEKPYVCGVCGHSFSQNSTLISHRRHTGKPYVCGVCGRGSLSKSHLNRHQNIHSGEKPIVCKDCGR  
 GFSQSQSNLIRHQRTSGEKPMVCGECGRGSQKSNLVAHQRTSGERPYVCRECGRGS HQAGLIRHKRK  
 HSREKPYMCRQCGLGFGNKSALITHKRAHSEKPCVCRECGQGF LQKSHLTLHQMTHTGKPYVCKTCGR  
 GFSLSKSHLSRHRKTTSVHHRLPVQPDPEPCAGQPSDSL YSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

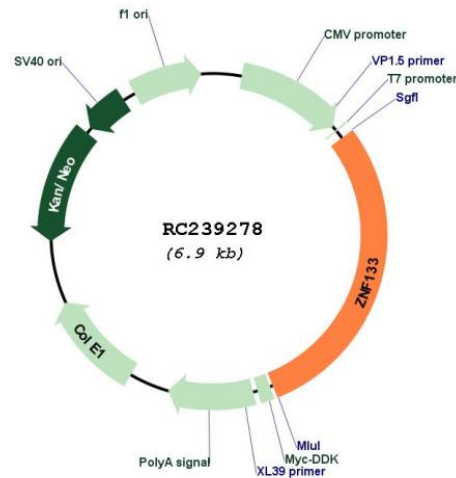
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



## Plasmid Map:



ACCN: NM\_001282996

ORF Size: 2013 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\\_001282996.2](#)

RefSeq Size:	2610 bp
RefSeq ORF:	2016 bp
Locus ID:	7692
Cytogenetics:	20p11.23
Protein Families:	Transcription Factors
MW:	75.9 kDa
Gene Summary:	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]