

Product datasheet for **RC239165**

ZNF133 (NM_001283005) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF133 (NM_001283005) 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:

>RC239165 representing NM_001283005
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGAGCTGCCGCCTTCAGGGCGCCCTGGTGGCGCCGAGCATCTGGGAGGTGTGGTCCGGGCGCTG
TGCCGAGGATTCGGGGTAGTGTAGTCTGGCGCCCGCTGGAGGAGCTCCCAGCTGGTGGCTGGAGCGA
CCCCTTGTCTTTGGTGGCGCTGATCCAGAGCCAGAGCTCTACCTCGATCCTTTCTGCCCTCCGGGTTTC
TCCAGTCAGAAATCCCCATGCAGCATGTGCTGTGAATCATCCCCCTGGATCTTCACATGCTTGTGTG
CAGAAGGTAACATCCAGCCTGGGGATCCGGGCCAGGGGACCAGGAGAAGCAGCAACAAGCCTCTGAGGG
GAGACCCTGGAGTGATCAAGCAGAAGGTCTGAGGGAGAAGGTGCCATGCCTTTGTTTGAAGAACCAAG
AAAAGGACTCTGGGAGCGTTCTCCAGGCCACCCAGAGCCAGCCAGTCAGCTCTCGGAACGGCCTCAGAG
GGGTGGAGTTAGAAGCCAGCCAGCTCAGACAGGGAACCTGAGGAAACAGACAAATTGTTGAAGAGGAT
AGAAGTCTTAGGATTTGGAACAGTCAACTGTGGAGAGTGTGGACTGAGCTTCAGCAAGATGACAAACCTG
CTCAGTACCAGCGGATACACTCAGGGGAGAAGCCCTACGTGTGTGGGGTATGTGAGAAGGGCTTCAGCC
TAAAGAAGAGCCTCGCCAGACACCAGAAGGCACACTCGGGGGAGAAGCCAATTGTGTGCAGGGAGTGTGG
ACGAGGCTTTAACCGGAAGTCAACGCTAATCATACACGAACGGACACACTCCGGTGAGAAACCTTACATG
TGCAGTGAGTGTGGGCGAGGCTTCAGCCAGAAGTCAAACCTCATCATACACCAGAGGACACACTCAGGGG
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GTTGCACACCAGAGGACGCACTCAGGGGAGAGGCCGTATGTGTGCCGAGAGTGCGGGCGAGGCTTTAGCC
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GACCACGTCTGTCCACCACAGACTGCCAGTGCAGCCCAGCCCTGAGCCGTGTGCAGGGCAACCTTCGGAT
TCCTTATACTCTCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239165 representing NM_001283005
 Red=Cloning site Green=Tags(s)

MGAAGLQGAPGGAEHPRGCPGAVPRIRGSVVLAPRWSSPAGGWSDFLFFGGADPEPELYLDPFCPPGF
 SSQKFPMQHVLNHPPIWFTCLCAEIGNIQPGDPGPDQEKQQQASEGRPWSQAEGPEGEGAMPLFGRTK
 KRTLGAFSRPPQRQPVSSRNLRGVELEASPAQTGNPEETDKLLKRIEVLGFGTVNCGECGLSFSKMTNL
 LSHQRIHSGEKPYVCGVCEKGFSLKSLARHQKAHSGEKPIVCRECGRGFNRKSTLIIHERTHSGEKPYM
 CSECGRGFSQKSNLIIHQRTHSGEKPYVCRECGKGFSAVVRHQRTHEEKTIVCSDCGLGFSDRSNL
 ISHQRTHSGEKPYACEKGRCFRQRTTLVNHQRTHSKEKPYVCGVCGHSFSQNSTLISHRRTHTGEKPYV
 CGVCGRGFSLKSHLNRHQNIHSGEKPIVCKDCGRGFSQQSNLIRHQRTHSGEKPMVCGECGRGFSQKSNL
 VAHQRTHSGERPYVCRECGRGFSHQAGLIRHKRHSREKPYMCRQCGLGFGNKSALITHKRAHSEEKPCV
 CRECGQFLQKSHLTLHQMTHTGEKPYVCKTCGRGFSLKSHLSRHRKTTSVHRLPVQPDPEPCAGQPSD
 SLYSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

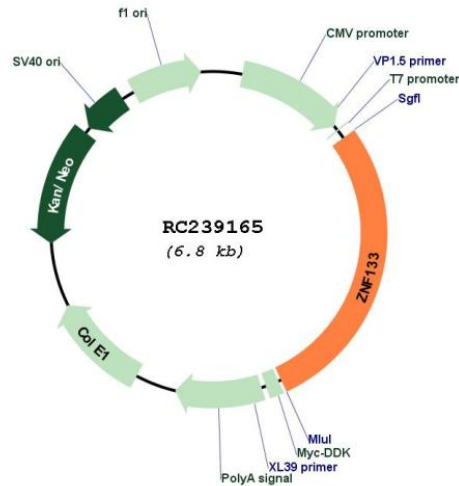
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001283005

ORF Size: 1905 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_001283005.2](#)

RefSeq Size:	2264 bp
RefSeq ORF:	1908 bp
Locus ID:	7692
Cytogenetics:	20p11.23
Protein Families:	Transcription Factors
MW:	70.7 kDa
Gene Summary:	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]