

## Product datasheet for **RC239220**

### ZNF133 (NM\_001282999) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF133 (NM_001282999) 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:

>RC239220 representing NM\_001282999  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGGCATT CAGGGATGTGGCTGTGGATTTCACCCAGGATGAGTGGAGGCTGCTGAGCCCTGCTCAAAGGA  
CTCTGTACAGAGAGGTGATGCTGGAGAACTACAGCAACCTGGTCTCACTGGGAATTTCAATTTCTAAACC  
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GCCAAGGCTTTCTCCAAAAGTCACACCTCACCTTACATCAAATGACACATACGGGGGAGAAGCCATATGT  
GTGCAAGACGTGTGGCCGGGCTTCAGCCTCAAGTCTCACCTCAGCAGACACAGGAAGACCAGTCTGTG  
CACCACAGACTGCCAGTGCAGCCCGACCCTGAGCCGTGTGCAGGGCAACCTTCGGATTCTTATACTCTC  
TC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC239220 representing NM\_001282999  
 Red=Cloning site Green=Tags(s)

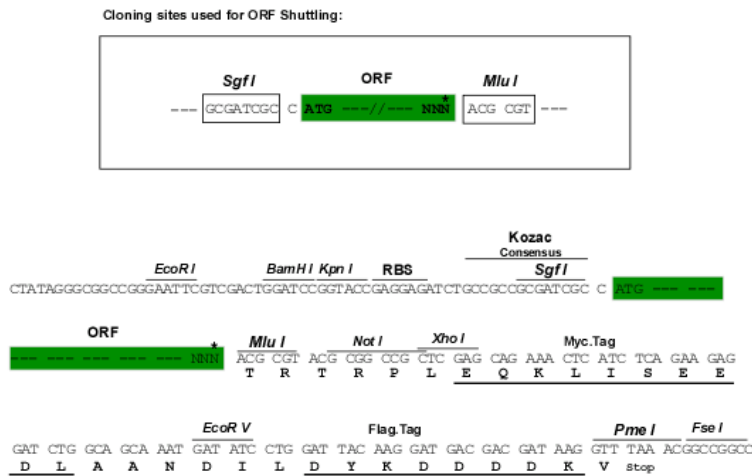
MAFRDVAVDFTQDEWRLLSPAQRTL YREVML ENYSNL VSLGISFSKPELITQLEQKETWREKKCSPAT  
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 DQAEGPEGEGAMPLFGRTRKRTLGAFSRPPQRQPVSSRNLGRVLEASPAQTGNPEETDKLLKRIEVLG  
 FGTVNCGEGCLFSKMTNLLSHQRTHS GEKPYVCGVCEKGFSLKKS LARHQKAHSGEKPIVCRECGRGFN  
 RKSTLIIHERTHS GEKPYMCSECGRGSQKSNLIIHQRT HS GEKPYVCRECGKGF SQKSAVVRHQRT HLE  
 EKTIVCSDCGLGFSDRSNLISHQRTHS GEKPYACKECGRCFRQRTTLVNHQRTHS KEKPYVCGVCGHSFS  
 QNSTLISHRRHTH GEKPYVCGVCGRGS LKSHLNRHQNIHS GEKPIVCKDCGRGSQKSNLIRHQRT HSG  
 EKPMVCGECGRGSQKSNLVAHQRT HS GERPYVCRECGRGS HQAGLIRHKRHSREKPYMCRQCGLGFG  
 NKSALITHKRAHSEKPCVCRECGQGLQKSHLTLHQMTHT GEKPYVCKTCGRGS LKSHLSRHRKTTSSV  
 HHRLPVQPDPEPCAGQPSDSL YSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

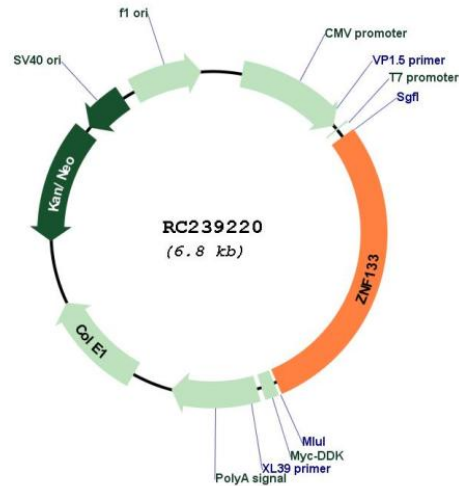
SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

## Plasmid Map:



ACCN: NM\_001282999

ORF Size: 1962 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\\_001282999.2](#)

RefSeq Size:	2503 bp
RefSeq ORF:	1965 bp
Locus ID:	7692
UniProt ID:	<a href="#">P52736</a>
Cytogenetics:	20p11.23
Protein Families:	Transcription Factors
MW:	73.9 kDa
Gene Summary:	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]