

## Product datasheet for **RC239016**

### ZNF133 (NM\_001283004) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF133 (NM_001283004) 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:**

>RC239016 representing NM\_001283004  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTGTAACGGGAGGAAGACTGTTCTAGCAGATCCAGAGCCAGAGCTCTACCTCGATCCTTTCTGCCTC  
 CGGGTTTCTCCAGTCAGAAATCCCCATGCAGCATGTGCTGTGTAATCATCCCCCTGGATCTTACATG  
 CTTGTGTGCAGAAGTAACATCCAGCCTGGGGATCCGGGCCAGGGGACCAGGAGAAGCAGCAACAAGCC  
 TCTGAGGGGAGACCCTGGAGTGATCAAGCAGAAGGTCCTGAGGGAGAAGGTGCCATGCCTTTGTTGGAA  
 GAACCAAGAAAAGGACTCTGGGAGCCTTCCAGGCCACCCAGAGGCAGCCAGTCAGCTCTCGAACGG  
 CCTCAGAGGGGTGGAGTTAGAAGCCAGCCAGCTCAGACAGGGAACCCTGAGGAAACAGACAAATTTGTTG  
 AAGAGGATAGAAGTCTTAGGATTTGGAACAGTCAACTGTGGAGAGTGTGGACTGAGCTTCAGCAAGATGA  
 CAAACCTGCTCAGTCACCAGCGGATACACTCAGGGGAGAAGCCCTACGTGTGTGGGTATGTGAGAAGGG  
 CTTCAGCCTAAAGAAGAGCCTCGCCAGACACCAGAAGGCACACTCGGGGAGAAGCCAATTTGTGTGACGG  
 GAGTGTGGACGAGGCTTTAACCGGAAGTCAACGCTAATCATAACGAAACGACACACTCCGGTGAGAAAC  
 CTTACATGTGCAGTGTGGTGTGGGCGAGGCTTCAGCCAGAAGTCAAACCTCATACACACCAGAGGACACA  
 CTCAGGGGAAAAGCCTTACGTGTGCCGGGAATGTGGCAAAGGCTTCAGCCAGAAGTCAGCTGTGCTGAGA  
 CACCAGAGGACACACTTGGAGGAGAAGACCATCGTGTGCAGTGTGCTGAGTGTGGCCTGGGCTTCAGCGACAGGT  
 CAAACCTCATCTCCACCAGAGGACGCACTCTGGGGAGAAGCCCTACGCCTGCAAGGAGTGTGGGCGATG  
 CTTCAGGCAGAGGACCACCTTGTCAACCACCAGAGGACACACTCAAAGGAGAAGCCCTATGTGTGCGGG  
 GTGTGTGGGCACAGCTTCAGCCAGAATTAACCCTCATCTCTCACAGGCGGACACACACTGGGGAGAAGC  
 CGTATGTTTGTGGGTGTGTGGGCGAGGCTTTAGTCTCAAGTCACACCTCAACAGACACCAGCAACATACA  
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 CACCAGAGGACGCACTCAGGCGAGAAGCCATGGTGTGTGGGAGTGCAGGCGAGGCTTCAGCCAGAAGT  
 CAAACCTTGTGACACCAGAGGACGCACTCAGGGGAGAGGCCGTATGTGTGCCGAGAGTGCAGGCGAGG  
 CTTTAGCCACCAGGCCGCTCATCAGGCACAAGCGGAAGCACTCGAGGGAGAAGCCCTACATGTGCAGG  
 CAGTGTGGACTGGGCTTTGGCAATAAGTCAGCTCTAATTACACACAAGCGGGCTCACTCGGAAGAGAAGC  
 CTTGTGTGTGCAGAGAGTGTGGCAAGGCTTTCTCCAAAAGTCACACCTCACCTTACATCAAATGACACA  
 TACGGGGAGAAGCCATATGTGTGCAAGACGTGTGGGCGGGCTTCAGCCTCAAGTCTCACCTCAGCAGA  
 CACAGGAAGACCAGTCTGTCCACCACAGACTGCCAGTGCAGCCGACCCTGAGCCGTGTGCAGGGCAAC  
 CTTCGGATTCCTATACTCTCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC239016 representing NM\_001283004  
 Red=Cloning site Green=Tags(s)

MCNGRKTVLADPEPELYLDPFCPPGFSSQKFPMQHVLCNHPPWIFTCLCAEGNIQPGDPGPGDQEKQQQA  
 SEGRPWSQAEGPEGEGAMPLFGRTRKRTLGAFSRPPQRQPVSSRNGLRGVELEASPAQTGNPEETDKLL  
 KRIEVLGFGTVNCGEGLSFSKMTNLLSHQRIHSGEKPYVCGVCEKGFSLKSLARHQKAHSGEKPIVCR  
 ECGRGFNRKSTLIIHERTHSGEKPVMCSECGRGFSQKSNLIIHQRTHSGEKPYVCRECGKFSQKSAVVR  
 HQRTHLEEKTIIVSDCGLGFSDRSNLISHQRTHSGEKPYACKECGRCFRQRTTLVNHQRTHSKEKPYVCG  
 VCGHSFSQNSTLISHRRHTGKPYVCGVCGRGSLSKSHLNRHQNIHSGEKPIVCKDCGRGFSQQSNLIR  
 HQRTHSGEKPVMCGECGRGFSQKSNLVAHQRTHSGERPYVCRECGRFSHQAGLIRHKRHSREKPYMCR  
 QCGLGFGNKSALITHKRAHSEEKPCVCRECGQGFLOKSHLTLHQMTHTGKPYVCKTCGRGFSLSKSHLSR  
 HRKTTSVHHRLPVQDPPEPCAGQPSDSL YSL

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

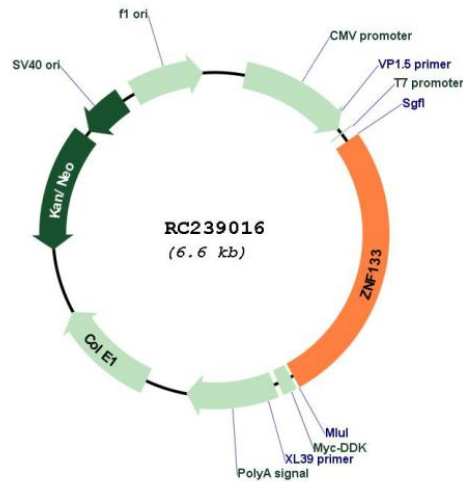
**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001283004

ORF Size: 1773 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001283004.2</a>
<b>RefSeq Size:</b>	2628 bp
<b>RefSeq ORF:</b>	1776 bp
<b>Locus ID:</b>	7692
<b>Cytogenetics:</b>	20p11.23
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	66.5 kDa
<b>Gene Summary:</b>	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]