

Product datasheet for **RC239215**

ZNF133 (NM_001282995) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF133 (NM_001282995) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ZNF133 |
| Synonyms: | pHZ-13; pHZ-66; ZNF150 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>RC239215 representing NM_001282995
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATT**CAGGGATGTGGCTGTGGATTTCACCCAGGATGAGTGGAGGCTGCTGAGCCCTGCTCAAAGGA**
CTCTGTACAGAGAGGTGATGCTGGAGAACTACAGCAACCTGGTCTCACTGGGAATTT**CATTTTCTAAACC**
 AGAACTCAT**CACCCAGCTGGAGCAAGGAAAGAGACCTGGAGAGAGGAAAAAAATGTTCA**CCGGCAACC
 TGTCCAGATCCAGAGCCAGAGCTCTACCTCGATCCTTTCTGCCCTCCGGGTTTCTCCAGT**CAGAAATTC**
 CCATGCAGCATGTGCTGTGTAATCATCCCCCTGGATCTT**CACATGCTTGTGTCAGAAGGTAACATCCA**
 GCCTGGGGATCCAGGCCAGGGGACCAGGAGAAGCAGCAACAAGCCTCTGAGGGGAGACCCTGGAGT**GAT**
 CAAGCAGAAGTCTGAGGGAGAAGGTGCCATGCCTTTGTTTGAAGAACCAAGAAAAGGACTCTGGGAG
 CGTTCTCCAGGCCACCCAGAGGCAGCCAGT**CAGCTCTCGGAACGGCCTCAGAGGGTGGAGTTAGAAGC**
 CAGCCCAGCTCAGACAGGGAACCTGAGGAAACAGACAAATTGTTGAAGAGGATAGAA**GTCTTAGGATTT**
 GGAACAGTCAACTGTGGAGAGTGTGACTGAGCTT**CAGCAAGATGACAAACCTGCTCAGTACCAGCGGA**
 TACACTCAGGGGAGAAGCCCTACGTGTGTGGGGTATGTGAGAAGGGCTT**CAGCCTAAAGAAGAGCCTCGC**
 CAGACACCAGAAGGCACACTCGGGGAGAAGCCAATTGTGTGCAGGGAGTGTGGACGAGGCTTTA**ACCGG**
 AAGTCAACGCTAATCATA**CACGAACGGACACACTCCGGT**GAGAAACCTTACATGTGCAGT**GAGTGTGGG**
 GAGGCTT**CAGCCAGAAGTCAAACCTCAT**CATACACCAGAGGACACACTCAGGGGAAAAGCCTTATGTGTG
 CCGGGAATGTGGCAAAGGCTT**CAGCCAGAAGT**CAGCTGTCTGAGACACCAGAGGACACACTTGGAGGAG
 AAGACCATCGTGTGCAGT**ACTGTGGCTGGGCTT**CAGCGACAGGTCAAACCTCATCTCCAC**CAGAGGA**
 CGCACTCTGGGGAGAAGCCCTACGCCTGCAAGGAGTGTGGGCGATGCTT**CAGGCAGAGGACCACCTTGT**
 CAACCACCAGAGGACACACTCAAAGGAGAAGCCCTATGTGTGCGGGGTGTGTGGG**CACAGCTT**CAGCCAG
 AATTCAACCCCTATCTCTCACAGCGGACACACTGGGGAGAAGCCGTATGTTTGTGGGGTGTGTGGG**C**
 GAGGCTTTAGTCTCAAGT**CACACCTCAACAGACACCAGAACAT**ACTCAGGAGAGAAGCCATTGTGTG
 CAAGGACTGTGGCCGGGGCTT**CAGCCAGCAATCCAACCTCAT**CAGACACCAGAGGACGCACTCAGGCGAG
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 CGCACTCAGGGGAGAGCCGTATGTGTCCGAGAGTGCGGGCGAGGCTTTAGCCACCAGGCGG**TCTCAT**
 CAGGCACAAGCGGAAGCACTCGAGGGAGAAGCCCTACATGTGCAGGCAGTGTGGACTGGGCTTTGGCA**T**
 AAGT**CAGCTCTAATCACACACAAGCGGGCTCACTCGGAAGAGAAGCCTTGTGT**GCAGAGAGTGTGGCC
 AAGGCTTTCTCCAAAAGT**CACACCTCACCTTACATCAAATGACACATA**CGGGGGAGAAGCCATATGTGTG
 CAAGACGTGTGGGCGGGGCTT**CAGCCTCAAGTCTCACCTCAGCAGACACAGGAAGACCACGTCTGTCCAC**
 CACAGACTGCCAGTGCAGCCCGACCCTGAGCCGTGTGCAGGGCAACCTTCGGATTCTTATACTCTCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC239215 representing NM_001282995
Red=Cloning site Green=Tags(s)

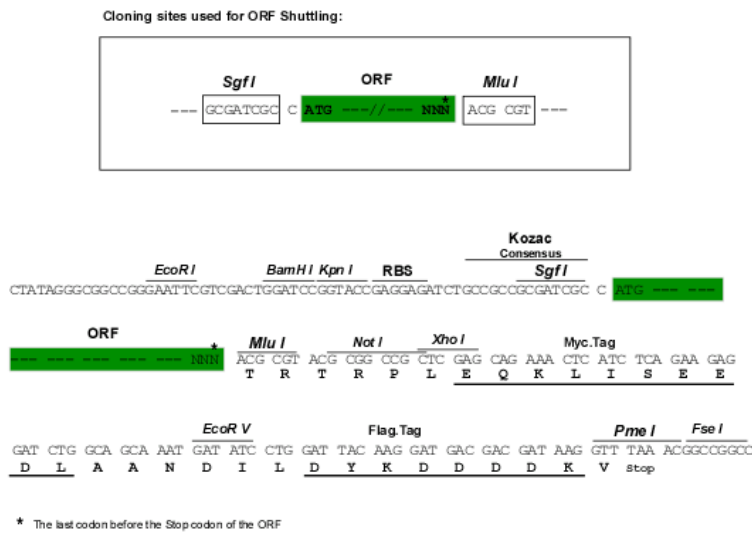
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 KTIVCSDCGLGFSDRSNLISHQRTSGEKPYACKECGRCFRQRTTLVNHQRTSKEKPYVCGVCGHSFSQ
 NSTLISHRRHTGEKPYVCGVCGRGSLSKSHLNHRQNIHSGEKPIVCKDCGRGFSQSNLIRHQRTS
 KPMVCGECGRGFSQKSNLVAHQRTSGERPYVCRECGRGSQAGLIRHKRHSREKPYMCRQCGLGFGN
 KSALITHKRAHSEKPCVCRECGQGLQKSHLTLHQMTHTGEKPYVCKTCGRGFSLSKSHLSRHRKTTSVH
 HRLPVQPDPEPCAGQPSDSL YSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6588_c05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001282995

ORF Size: 1959 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_001282995.1](#), [NP_001269924.1](#)

RefSeq Size: 2736 bp

RefSeq ORF: 1962 bp

Locus ID: 7692

UniProt ID: [P52736](#)

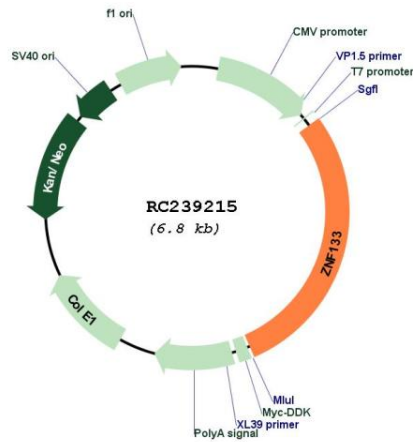
Cytogenetics: 20p11.23

Protein Families: Transcription Factors

MW: 73.3 kDa

Gene Summary: May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239215