

Product datasheet for **SC117971**

ZNF133 (NM_003434) Human Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF133 (NM_003434) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ZNF133 |
| Synonyms: | pHZ-13; pHZ-66; ZNF150 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene ORF within SC117971 sequence for NM_003434 edited (data generated by NextGen Sequencing)

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ATGGCATT CAGGGATGTGGCTGTGGATTCACCCAGGATGAGTGGAGGCTGCTGAGCCCT
GCTCAAAGGACTGTACAGAGAGGTGATGCTGGAGA ACTACAGCAACCTGGTCTCACTG
GGAATTTCA TTTTCTAAACCAGAACTCATCACCCAGCTGGAGCAAGGGAAAGAGACCTGG
AGAGAGGAAAAAATGTTCCACCGCAGCCTGTCCAGATCCAGAGCCAGAGCTCTACCTC
GATCCTTTCTGCCCTCCGGGTTTCTCCAGTCAGAAATTCATGCAGCATGTGCTGTGT
AATCATCCCCCTGGATCTTACATGCTTGTGTGCAGAAGGTAACATCCAGCCTGGGGAT
CCGGGCCCAGGGGACCAGGAGAAGCAGCAACAAGCCTCTGAGGGGAGACCCTGGAGTGAT
CAAGCAGAAGGTCTGAGGGAGAAGGTGCCATGCCTTTGTTTGAAGAACCAAGAAAAGG
ACTCTGGGAGCGTTCTCCAGGCCACCCAGAGGCAGCCAGTCAGCTCTCGGAACGGCCTC
AGAGGGGTGGAGTTAGAAGCCAGCCAGCTCAGACAGGGAACCCCTGAGGAAAACAGACAAA
TTGTTGAAGAGGATAGAAGTCTTAGGATTTGGAACAGTCAACTGTGGAGAGTGTGGACTG
AGCTTCAGCAAGATGACAAACCTGCTCAGTCACCAGCGGATACACTCAGGGGAGAAGCCC
TACGTGTGTGGGGTATGTGAGAAGGGCTCAGCCTAAAGAAGAGCCTCGCCAGACACCAG
AAGGCACACTCGGGGGAGAAGCCAATTGTGTGCAGGGAGTGTGGACGAGGCTTTAACCGG
AAGTCAACGCTAATCATACACGAACGGACACACTCCGGTGAGAAAACCTTACATGTGCAGT
GAGTGTGGGCGAGGCTTCAGCCAGAAGTCAAACCTCATCATACACCAGAGGACACACTCA
GGGAAAAGCCTTACGTGTGCCGGGAATGTGGCAAAGGCTTCAGCCAGAAGTCAGCTGTC
GTGAGACACCAGAGGACACACTTGGAGGAGAAGACCATCGTGTGCAGTGA CTGTGGCCTG
GGCTTCAGCGACAGGTCAAACCTCATCTCCACCAGAGGACGCACTCTGGGGAGAAGCCC
TACGCCTGCAAGGAGTGTGGGCGATGCTTCAGGCAGAGGACCACCTTGTCAACCACCAG
AGGACACACTCAAAGGAGAAGCCCTATGTGTGCGGGGTGTGTGGGCACAGCTTCAGCCAG
AATTC AACCCCTCATCTCTCACAGGCGGACACACTGGGGAGAAGCCGTATGTTTGTGGG
GTGTGTGGGCGAGGCTTTAGTCTCAAGTCAACCTCAACAGACACCAGAACATACTACTCA
GGAGAGAAGCCATTGTGTGCAAGGACTGTGGCCGGGGCTTCAGCCAGCAATCCAACCTC
ATCAGACACCAGAGGACGCACTCAGGCGAGAAGCCATGGTGTGTGGGAGTGC GGCGGA
GGCTTCAGCCAGAAGTCAAACCTTGTGTCACACCAGAGGACGCACTCAGGGGAGAGGCCG
TATGTGTGCCGAGAGTGC GGCGAGGCTTTAGCCACCAGCCGGTCTCATCAGGCACAAG
CGGAAGCACTCGAGGGAGAAGCCCTACATGTGCAGGCAGTGTGGACTGGGCTTTGGCAAT
AAGTCAGCTCTAATTACACACAAGCGGGCTCACTCGGAAGAGAAGCCTTGTGTGTGCAGA
GAGTGTGGCCAAGGCTTTCTCCAAAAGTACACCTCACCTTACATCAAATGACACATACG
GGGAGAAGCCATATGTGTGCAAGACGTGTGGGCGGGGCTTCAGCCTCAAGTCTCACCTC
AGCAGACACAGGAAGACCACGTCTGTCCACCACAGACTGCCAGTGCAGCCCGACCCTGAG
CCGTGTGCAGGGCAACCTTCGGATTCTTATACTCTCTCTGA
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Clone variation with respect to NM_003434.4
208 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003434 unedited
 TAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTCGTATACCCCTTGACCG
 AAGACTGGTCCTCCCCTATGTGGGATGGTCATCCTCCTTGACTGAGTGTGCAGCTTCCGG
 AGGGATGCACATGGAGCAATGAGGGAGGAAGAGGATACCCACCTAGCCAGCCAGATCAGC
 TGGATCAACACTGATCTACCTTCTGAGATATCATCCTTCTCAGGGAGATAAGGAAAAAA
 AGCCACAGGGTCCCGGAGAGCCAGGGGAATGCTCAAAAAGTTCTGCTGCCTGAGAGTAAC
 GTACAGTAATGGAACGGGAAGATTCTGGAATCTGTGTCCCCACCTAGACAACGATTATA
 CTGGCAGGATCTATCAGGTGTACCTATTTTGGAACTCTGGAGTCTAGTTGAAGGCCTCCA
 GTTCCCAGGGGAAGGAAGCATAGAGGTGTCTCCTCATTGGAAGTAGTGCTAAGAAAA
 TTTAAAAGAATAAACTGGGCAGGGGCATGAGAATAGGATGCAAAGATGAATTTTTGGACT
 GAGTGGCCAAGAAGCTCCATGGTGAGCACTCACAGTCTAAGGCTGGAAGTTAATGAACT
 GTTTTCTACATTTACAGTTTTGTGTTACAGGCACACATGGCATTGAGGATGTGGCTGT
 GGATTTACCCCCAGATGAGTGGGAGCTGCTGAGCCCTGCTCAAAGACTCTGTACAGAGAG
 GTGATGCTGGAGAACTACAGCAACCTGGTCTACTGGGAAATTCATTTTCTAAACCAGAC
 TCATCACCCNCTGGAGCAGGGGAAGAGACTGNAGAGAGGAAAAAATGGTCACCCGAGCC
 TGTGAGCAGACCAGAGCAGAGCTTACTCGATCCTTTTGCCTCGGGTTCTCCATCAGAATC
 CCTGCACAGTGTGGAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003434 unedited
 CCCCCATTTCTTGNACCGCGGCCGTCATTCTACGACGCGTTTTTTTTTTTTTTTTTTTT
 TGTATAAAGAACCAAGTTTATTACAACCTGAAGCCACAAAACATGTAAGAAGACTTAGTGT
 GGAGAAAGTAAACAGTCAAATGTCCTTTGACCCTTACAGAATGCATTTCTACTCCAT
 TTCATCAAAGTGTCAACATTCTGACTCTTAGTCCTTGTCCTTGTCCCATCTTTGCCTTCAGAGAG
 AGTATAAGGAATCCGAAGTTGCCCTGCACACGGCTCAGGGTCCGGCTGCACTGGCAGTC
 TGTGGTGGACAGACGTGGTCTTCTGTGTCTGCTGAGGTGAGACTTGAGGCTGAAGCCCC
 GCCCACACGTCTTGCACACATATGGCTTCTCCCCGTATGTGTCAATTTGATGTAAGGTGA
 GGTGTGACTTTTGGAGAAAGCCTTGGCCACACTCTGCAACACAAGGCTTCTCTTCCG
 AGTGAGCCCGCTTGTGTGAATTAGAGCTGACTTATTGCCAAAGCCCAGTCCACTGCC
 TGCACATGTAGGGCTTCTCCCTCGAGTGTCTCCGCTTGTGCTGATGAGACCGCCTGGT
 GGCTAAAGCCTTGCCCGCACTCTCGGCACACATACTGGCCTCTCCCTGAGTGCCTCTC
 TGGTGTGCAACAAGGGTTTACTTCTGGCTGGAGACTTGCCCGCACTTCCACACACCAT
 GGGGCTTATGCCTGAATGCGTCTCTTGGGTCTGCAGAGTTGGAATGCTGGGTTAAAC
 CCCGGCCCAAGCCCTTGCCCCAATGGGCTTTTCTCTGAAGGATGCCCGGGGGCTCGT
 TAGGGGGACTTTGAATANAATTTTCTCAACACCCACAACAACCGTATTCCCCCAGGG
 CCCCCCTCCCCAC

Restriction Sites:

NotI-NotI

ACCN:

NM_003434

Insert Size:

2880 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: | <ol style="list-style-type: none">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_003434.3 , NP_003425.2 |
| RefSeq Size: | 2682 bp |
| RefSeq ORF: | 1962 bp |
| Locus ID: | 7692 |
| UniProt ID: | P52736 |
| Cytogenetics: | 20p11.23 |
| Domains: | KRAB, zf-C2H2 |
| Protein Families: | Transcription Factors |
| Gene Summary: | May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes isoform a. Variants 1, 2 and 3 all encode isoform a. |