

Product datasheet for **SC316066**

ZNF133 (NM_001083330) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF133 (NM_001083330) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF133
Synonyms:	pHZ-13; pHZ-66; ZNF150
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001083330, the custom clone sequence may differ by one or more nucleotides

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ATGGCATT CAGGGATGTGGCTGTGGATTCACCCAGGATGAGTGGAGGCTGCTGAGCCCT
GCTCAAAGGACTGTACAGAGAGGTGATGCTGGAGAACTACAGCAACCTGGTCTCACTG
GGAATTTCAATTTCTAAACCAGAACTCATCACCCAGCTGGAGCAAGGGAAAGAGACCTGG
AGAGAGGAAAAAAATGTTACCCGGCAACCTGTCCAGATCCAGAGCCAGAGCTCTACCTC
GATCCTTTCTGCCCTCCGGGTTTCTCCAGTCAGAAATTCGCCATGCAGCATGTGTGTGT
AATCATCCCCCTGGATCTTACATGCTTGTGTGAGAAGGTAACATCCAGCCTGGGGAT
CCGGGCCAGGGGACCAGGAGAAGCAGCAACAAGCCTCTGAGGGGAGACCCTGGAGTGAT
CAAGCAGAAGGTCTGAGGGAGAAGGTGCCATGCCTTTGTTTGAAGAACCAAGAAAAGG
ACTCTGGGAGCGTTCTCCAGGCCACCCAGAGGCAGCCAGTCAGCTCTCGGAACGGCCTC
AGAGGGGTGGAGTTAGAAGCCAGCCAGCTCAGACAGGGAACCCCTGAGGAAAACAGACAAA
TTGTTGAAGAGGATAGAAGTCTTAGGATTTGGAACAGTCAACTGTGGAGAGTGTGGACTG
AGCTTCAGCAAGATGACAAACCTGCTCAGTCACCAGCGGATACACTCAGGGGAGAAGCCC
TACGTGTGTGGGGTATGTGAGAAGGGCTCAGCCTAAAGAAGAGCCTCGCCAGACACCAG
AAGGCACACTCGGGGGAGAAGCCAATTGTGTGCAGGGAGTGTGGACGAGGCTTTAACCGG
AAGTCAACGCTAATCATACACGAACGGACACACTCCGGTGAGAAAACCTTACATGTGCAGT
GAGTGTGGGCGAGGCTTCAGCCAGAAGTCAAACCTCATCATACACCAGAGGACACACTCA
GGGAAAAGCCTTACGTGTGCCGGGAATGTGGCAAAGGCTTCAGCCAGAAGTCAGCTGTC
GTGAGACACCAGAGGACACACTTGGAGGAGAAGACCATCGTGTGCACTGACTGTGGCCTG
GGCTTCAGCGACAGGTCAAACCTCATCTCCACCAGAGGACGCACTCTGGGGAGAAGCCC
TACGCCTGCAAGGAGTGTGGGCGATGCTTCAGGCAGAGGACCACCTTGTCAACCACCAG
AGGACACACTCAAAGGAGAAGCCCTATGTGTGCGGGGTGTGTGGGCACAGCTTCAGCCAG
AATTC AACCTCATCTCTCACAGCGGACACACTGGGGAGAAGCCGTATGTTTGTGGG
GTGTGTGGGCGAGGCTTTAGTCTCAAGTCAACCTCAACAGACACCAGAACATACACTCA
GGAGAGAAGCCATTGTGTGCAAGGACTGTGGCCGGGGCTTCAGCCAGCAATCCAACCTC
ATCAGACACCAGAGGACGCACTCAGGCGAGAAGCCATGGTGTGTGGGAGTGCGGGCGA
GGCTTCAGCCAGAAGTCAAACCTTGTGACACCAGAGGACGCACTCAGGGGAGAGGGCCG
TATGTGTGCCGAGAGTGCAGGCGAGGCTTTAGCCACCAGCCGGTCTCATCAGGCACAAG
CGGAAGCACTCGAGGGAGAAGCCCTACATGTGCAGGCAGTGTGGACTGGGCTTTGGCAAT
AAGTCAGCTCTAATTACACACAAGCGGGCTCACTCGGAAGAGAAGCCTTGTGTGTGAGG
GAGTGTGGCCAAAGGCTTTCTCCAAAAGTACACCTCACCTTACATCAAATGACACATACG
GGGAGAAGCCATATGTGTGCAAGACGTGTGGGCGGGGCTTCAGCCTCAAGTCTCACCTC
AGCAGACACAGGAAGACCACGTCTGTCCACCACAGACTGCCAGTGCAGCCCGACCCTGAG
CCGTGTGCAGGGCAACCTTCGGATTCTTATACTCTCTC

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Restriction Sites: Please inquire

ACCN: NM_001083330

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001083330.1</u> , <u>NP_001076799.1</u>
RefSeq Size:	2306 bp
RefSeq ORF:	1962 bp
Locus ID:	7692
UniProt ID:	<u>P52736</u>
Cytogenetics:	20p11.23
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 all encode isoform a.