

Product datasheet for **RG239165**

ZNF133 (NM_001283005) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF133 (NM_001283005) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF133
Synonyms:	pHZ-13; pHZ-66; ZNF150
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239165 representing NM_001283005.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGGAGCTCCCGCCTTCAGGGCGCCCTGGTGGCGCCGAGCATCTGGGAGGTGTGGTCCGGGCGCT
GTGCCGAGGATTCGGGGTAGTGTAGTCTGGCGCCCGCTGGAGGAGCTCCCAGCTGGTGGCTGGAGC
GACCCCTTGTCTTTGGTGGCGCTGATCCAGAGCCAGAGCTCTACCTCGATCCTTTCTGCCCTCCGGT
TTCTCCAGTCAGAAATCCCATGCAGCATGTGCTGTGAATCATCCCCCTGGATCTTCACATGCTTG
TGTGCAGAAGGTAACATCCAGCCTGGGGATCCGGGCCAGGGGACCAGGAGAAGCAGCAACAAGCCTCT
GAGGGGAGACCCTGGAGTGATCAAGCAGAAGGTCTGAGGGAGAAGTGCCATGCCTTTGTTGGAAGA
ACCAAGAAAAGGACTCTGGGAGCGTTCTCCAGGCCACCCAGAGGCAGCCAGTCACTCTCGAACGGC
CTCAGAGGGGTGGAGTTAGAAGCCAGCCAGCTCAGACAGGGAACCTGAGGAAACAGACAAATTGTTG
AAGAGGATAGAAGTCTTAGGATTTGGAACAGTCAACTGTGGAGAGTGTGGACTGAGCTTCAGCAAGATG
ACAAACCTGCTCAGTACCAGCGGATACACTCAGGGGAGAAGCCCTACGTGTGGGGTATGTGAGAAG
GGCTTCAGCCTAAAGAAGAGCCTCGCCAGACACCAAGAAGGCACACTCGGGGGAGAAGCCAATTGTGTGC
AGGGAGTGTGGACGAGGCTTTAACCGGAAGTCAACGCTAATCATACACGAACGGACACACTCCGGTGAG
AAACCTTACATGTGACGTGAGTGTGGGCGAGGCTTCAGCCAGAAGTCAAACCTCATCATAACAGAGG
ACACACTCAGGGGAAAAGCCTTACGTGTGCCGGGAATGTGGCAAAGGCTTCAGCCAGAAGTCACTGTG
GTGAGACACCAGAGGACACACTTGGAGGAGAAGACCATCGTGTGACGTGACTGTGGCCTGGGCTTCAGC
GACAGGTCAAACCTCATCTCCACCAGAGGACGCACTCTGGGAGAAGCCCTACGCTGCAAGGAGTGT
GGGCGATGCTTCAGGCAGAGGACACCCCTTGTCAACCACAGAGGACACACTCAAAGGAGAAGCCCTAT
GTGTGCGGGGTGTGTGGGCACAGCTTCAGCCAGAATTCAACCTCATCTCACAGGCGGACACACT
GGGAGAAGCCGTATGTTTGTGGGGTGTGTGGGCGAGGCTTTAGTCTCAAGTCACACCTCAACAGACAC
CAGAACATACACTCAGGAGAGAAGCCATTGTGTGCAAGGACTGTGGCCGGGCTTCAGCCAGCAATCC
AACCTCATCAGACACCAGAGGACGCACTCAGGCGAGAAGCCATGGTGTGTGGGAGTGCGGGCGAGGC
TTCAGCCAGAAGTCAAACCTTGTGACACCAGAGGACGCACTCAGGGGAGAGCCGTATGTGTGCCGA
GAGTGCGGGCGAGGCTTTAGCCACCAGGCGGTCTCATCAGGCACAAGCGGAAGCACTCGAGGGAGAAG
CCCTACATGTGCAGGCAGTGTGGACTGGGCTTTGGCAATAAGTCAGCTCTAATTACACACAAGCGGGCT
CACTCGGAAGAGAAGCCTTGTGTGTGACAGAGTGTGGCAAGGCTTTCTCCAAAAGTACACCTCACC
TTACATCAAATGACACATACGGGGGAGAAGCCATATGTGTGCAAGACGTGTGGGCGGGCTTCAGCCTC
AAGTCTCACCTCAGCAGACACAGGAAGACCACGTCTGTCCACCACAGACTGCCAGTGCAGCCCGACCT
GAGCCGTGTGCAGGGCAACCTTCGGATTCTTATACTCTCTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG239165
 Blue=ORF Red=Cloning site Green=Tag(s)

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MGAAGLQGAPGGAEHPGRCPGAVPRIRGSVVLAPRWRSSPAGGWSDFLFFGGADPEPELYLDPFCPPG
FSSQKFPMQHVLNHPPIWFTCLCAEGNIQPGDPGPDQEKQQQASEGRPWSDAQEGPEGEGAMPLFGR
TKKRTLGAFSRPPQRQPVSSRNGLRGVELEASPAQTGNPEETDKLLKRIEVLGFGTVNCGECGLSFSKM
TNLLSHQRIHSGEKPYVCGVCEKGFSLKSLARHQKAHSGEKPIVCRECGRGFNRKSTLIHERTHSGE
KPYMCSECRGFSQKSNLIIHQRTSHGEKPYVCRECGKGFSAVVRHQRTHLEEKTVCSDCGLGFS
DRSNLISHQRTSHGEKPYACKECGRCFRQRTLVNHQRTSHKEKPYVCGVCGHSFSQNSTLISHRRHT
GEKPYVCGVCGRGSLSKSHLNRHQNIHSGEKPIVCKDCGRGFSQSNLIRHQRTSHGEKPYVCGEGRG
FSQKSNLVAHQRTSHGERPYVCRECGRGFSHQAGLIRHKRHSREKPYMCRQCGLGFGNKSALITHKRA
HSEKPCVCRECQGFLQKSHLTLHQMTHTGEKPYVCKTCGRGFSLSKSHLSRHRKTSVHHRLPVQPD
EPCAGQPSDSL YSL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFLSLRDGGYSSVVDSSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERY
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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).
RefSeq:	NM_001283005.2
RefSeq Size:	2264 bp
RefSeq ORF:	1908 bp
Locus ID:	7692
Cytogenetics:	20p11.23
Protein Families:	Transcription Factors
MW:	70.7 kDa
Gene Summary:	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]