

Product datasheet for **RG228316**

ZNF135 (NM_001164530) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF135 (NM_001164530) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF135
Synonyms:	pHZ-17; pT3; ZNF61; ZNF78L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG228316 representing NM_001164530 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTTAGGCTCGCGCCGGCGCAGTGTGGCTGCCGGTGCCGCGCCTTTGTCTCGCAGTCAGGAGGG
AGCAAGTGACGTTTGAGGACGTGGTAGTGGGCTTCAGCCAGGAGGAGTGGGGCAGCTGAAGCCTGCCCA
GAGGACCTGTACCGTATGTAATGCTGGACACCTTCAGGCTTCTGGTCTCTGTGGGACATTGGTTACCG
AAGCCGAATGTCATCTCCCTGCTGGAGCAAGAGGCAGAGCTGTGGCGGTGGAGTCTAGACTTCCCAAG
GCGTGTACCCAGACTTGAAACTAGACCAAAAGTCAAAGTGTAGTTCTAAAGCAAGGCATCTCTGAAGA
AATATCCAACAGTGTATCTTGGTAGAAAGATTCTGTGGGATGGTCTGTGGTACTGCAGGGGTGAGGAC
ACTGAGGGCCACTGGGAATGGAGTTGTGAGAGTCTAGAGAGCCTGGCAGTGCCGGTGGCCTTACGCCTG
TGAAGACGCCTGTTCTGGAGCAGTGGCAGAGGAATGGGTTTGGGAAAACATAAGTCTGAACCTGATCT
CCCACATCAACCAATGACTCCTGAAAGACAAAGCCCCACACATGGGGAACACGTGGAAAAAGGGAGAAG
CCAGACCTAAATGTTTTACAGAAAACCTGTGTAAGAGAGAAACCTACAATGTCAGGAATGCGGAAAGG
CCTTTAGTCACAGCTCAGCACTTATCGAACACCACCGACGCACACAGGAGAGAGACCTTACGAATGTCA
CGAATGCTTAAAAGGCTTCCGGAACAGCTCGGCACTTACCAAACACCAGAGAATCCATACTGGGGAGAAA
CCCTATAAATGCACTCAGTGTGGGAGGACCTTCAACAAATGCCCACTGATCCAGCACCAGAGAAGTCA
ACACAGGTGAGAAGCCCTATGAATGCAGCGAATGTGGGAAATCCTTCAGTTTTAGGTCTCCTTCAGCCA
GCACGAGCGAACTCACACAGCGGAGAAGCCCTACGAGTGCAGTGTGGGAAAGCCTTCCGGCAAGGC
ATCCACCTCACCCAGCATCTGCGAATCCACACTGGGGAGAAACCTATCAGTGTGGTGTGGCAAGG
CCTTTACCCACAGCTCCTCCCTTACCAAGCACCAGAGAAGTCACTGGA

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG228316 representing NM_001164530
 Red=Cloning site Green=Tags(s)

MELGSRRRSVGCRRCGLCLAVRREQVTFEDVVVGFSSQEEWGLKPAQRTLYRDVMLDTFRLLVSVGHWLP
 KPNVISLLEQEAEWAVESRLPQGVYPDLETRPKVKLSVLKQGISEEISNSVILVERFLWDGLWYCRGED
 TEGHWEWSCESLESLAVPVAFTPVKTPVLEQWQRNGFGENISLNPDLPHQPMTPERQSPHTWGRGKREK
 PDLNLVQKTCVKEKPYKQCQECGKAFSHSSALIEHHRHTGERPYECHECLKGFRNSSALTKHQRIHTGEK
 PYKCTQCGRFTFNQIAPLIQHQRTHTGEKPYECSECGKSF SFRSSFSQHERHTHTGEKPYECSECGKAFRQS
 IHLTQHLRIHTGEKPYQCQECGKAFTHSSSLTKHQRTHTG

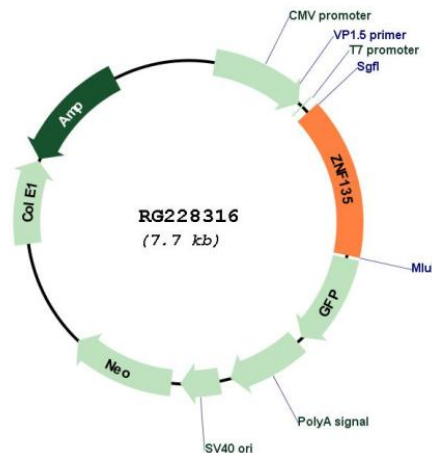
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001164530

ORF Size:	1170 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:	<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_001164530.1 , NP_001158002.1
RefSeq Size:	2470 bp
RefSeq ORF:	1173 bp
Locus ID:	7694
UniProt ID:	P52742
Cytogenetics:	19q13.43
Protein Families:	Transcription Factors
Gene Summary:	Plays a role in the regulation of cell morphology and cytoskeletal organization. May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]