

## Product datasheet for RC228316

### ZNF135 (NM\_001164530) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF135 (NM_001164530) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF135
Synonyms:	pHZ-17; pT3; ZNF61; ZNF78L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC228316 representing NM_001164530 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGTTAGGCTCGCGCCGGCGCAGTGTGGCTGCCGGTGCCGCGCCTTTGTCTCGCAGTCAGGAGGG  
AGCAAGTGACGTTTGGAGACGTGGTAGTGGCTTCAGCCAGGAGGAGTGGGGCAGCTGAAGCCTGCCCA  
GAGGACCTGTACCGTATGTAATGCTGGACACCTTCAGGCTTCTGGTCTCTGTGGGACATTGGTTACCG  
AAGCCGAATGTCATCTCCCTGCTGGAGCAAGAGGCAGAGCTGTGGCGGTGGAGTCTAGACTTCCCAAG  
GCGTGTACCCAGACTTGGAACTAGACCCAAGTCAAAGTGTAGTTCTAAAGCAAGGCATCTCTGAAGA  
AATATCCAACAGTGTATCTTGGTAGAAAGATTCTGTGGGATGGTCTGTGGTACTGCAGGGGTGAGGAC  
ACTGAGGGCCACTGGGAATGGAGTTGTGAGAGTCTAGAGAGCCTGGCAGTGCCGGTGGCCTTACGCCTG  
TGAAGACGCCTGTTCTGGAGCAGTGGCAGAGGAATGGGTTTGGGAAAACATAAGTCTGAACCTGATCT  
CCCACATCAACCAATGACTCCTGAAAGACAAAGCCCCACACATGGGGAACACGTGGAAAAAGGGAGAAG  
CCAGACCTAAATGTTTTACAGAAAACCTGTGTAAGAGAGAAACCTACAATGTCAGGAATGCGGAAAGG  
CCTTTAGTCACAGCTCAGCACTTATCGAACACCACCGACGCACACAGGAGAGAGACCTACGAATGTCA  
CGAATGCTTAAAAGGCTTCCGGAACAGCTCGGCACTTACCAAACACCAGAGAATCCATACTGGGGAGAAA  
CCCTATAAATGCACTCAGTGTGGGAGGACCTTCAACCAAATGCCCACTGATCCAGCACCAGAGAACTC  
ACACAGGTGAGAAGCCCTATGAATGCAGCGAATGTGGGAAATCCTTCAGTTTTAGGTCTCCTTCAGCCA  
GCACGAGCGAACTCACACAGCGGAGAAGCCCTACGAGTGCAGTGTGGGAAAGCCTTCCGGCAAGC  
ATCCACCTCACCCAGCATCTGCGAATCCACACTGGGGAGAAACCTATCAGTGTGGTGTGGCAAGG  
CCTTTACCCACAGCTCCTCCCTTACCAAGCACCAGAGAACTCACACTGGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >RC228316 representing NM\_001164530  
Red=Cloning site Green=Tags(s)

MELGSRRRSVGCRRCGLCLAVRREQVTFEDVVVGFSGEEWGLKPAQRTLYRDVMLDTFRLLVSVGHWLP  
 KPNVISLLEQEAEWAVESRLPQGVYPDLETRPKVKLSVLKQGISEEISNSVILVERFLWDGLWYCRGED  
 TEGHWEWSCESLESLAVPVAFTPVKTPVLEQWQRNGFGENISLNPDLPHQPMTPERQSPHTWGTRGKREK  
 PDLNLVQKTCVKEKPYKCQECGKAFSHSSALIEHHRHTHTGERPYECHECLKGFRNSSALTKHQRIHTGEK  
 PYKCTQCGRTFNQIAPLIQHQRTHHTGEKPYECSECGKSF SFRSSFSQHERHTHTGEKPYECSECGKAFRQS  
 IHLTQHLRIHTGEKPYQCCEGKAFTHSSSLTKHQRTHTG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**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:**

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 ORF:** 1173 bp

**Locus ID:** 7694

**UniProt ID:** [P52742](#)

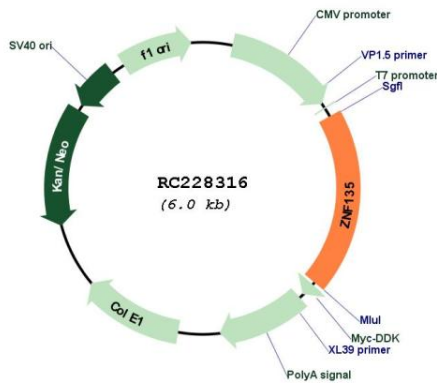
**Cytogenetics:** 19q13.43

**Protein Families:** Transcription Factors

**MW:** 44.6 kDa

**Gene Summary:** Plays a role in the regulation of cell morphology and cytoskeletal organization. May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC228316