

## Product datasheet for **RG207211**

### ZNF134 (NM\_003435) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF134 (NM_003435) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF134
Synonyms:	pHZ-15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207211 representing NM_003435 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTCTAGTCACAGCAGGAGGGGCTTGGACAGGCCCTGGTTGTTGGCATGAAGTGAAGGATGAAGAGT  
CATCTTCTGAACAGAGCATTTCTATAGCAGTGTACATGTTAATACTTCCAAGGCAGTTTGCCCGACA  
GACGGCTCTCCCTGTGACATA GTGGCCCATCTTGAAAGATATTTGCACCTGGATGAACACCAGGGT  
ACACACCATGGACTGAACTTCACACATGTGGGCATGTGGGAGACAATTCTGGTTCAGTGCAAACCTTC  
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AGAGTGGGGATGCATTTTCATGGTGAACAAATGCATTACAAGTGCAGTGAATGTGGGAAAGCTTTCAGCCG  
CAAAGACACACTTGTCCAGCACCAGAGAATTCATAGTGGAGAGAAGCCTTATGAGTGCAGCGAATGTGGG  
AAAGCCTTCAGCCGAAAGCTACACTTGTCCAGCATCAGAGAATCCACTGGAGAAAGGCCCTTATGAAT  
GCAGCGAATGTGGAAAAACCTTCAGTCGAAAAGACAACCTTACTCAGCACAAGAGAATCCACACTGGAGA  
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GTTCACAATGGAGCAAGGCCTTAAAGTGCAGTGATTGTGGGAAAGTCTCAGACACAAATCTACACTTG  
TTCAGCATGAGAGTATTACACTGGAGAAAATCCTTATGATTGCAGTGATTGTGGGAAATCCTTTGGCCA  
CAATACACCCTCATTAACATCAGCGAATTCACACTGAGTCAAAGCCGTTTGAGTGCATTGAATGCGGG  
AAATTCTTAGTCGAAGTTCTGACTATATTGCACACCAGAGGGTTCACACTGGTGAAGGCCCTTTGTGT  
GCAGTAAATGTGGGAAAGACTTTATCAGAACCTCCCACCTTGTTCGACACCAAAGAGTTCACACTGGAGA  
AAGGCCATATGAGTGCAGTGAATGTGGGAAAGCCACAGCTTAAGCTCCCACCTCAATCGGCACCAGAAA  
GTTCACTGCAGGCAGGCTT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG207211 representing NM\_003435  
Red=Cloning site Green=Tags(s)

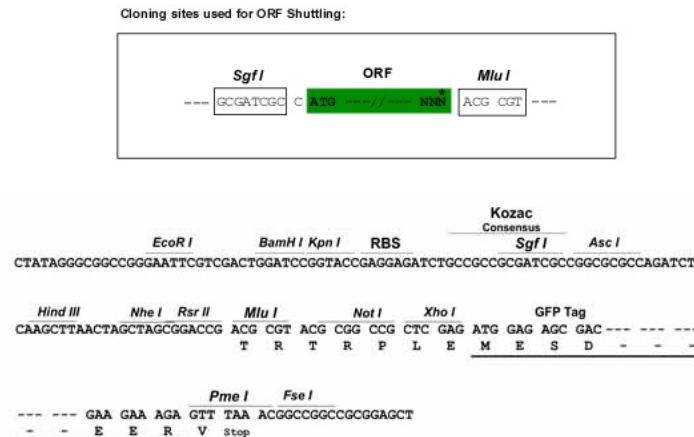
MTLVTAGGAWTGPCGWHEVKDEESSEQSI SIAVSHVNTSKAGLPAQTALPCDICGPILKDILHLDEHQG  
 THHGLKLHTCGACGRQFWFSANLHQYQKCYSIEQPLRRDKSEASIVRNCTVSKEPHSEKPFCKEEQKN  
 FQATLGGCQQKAIHSKRKRTHRSTESGDADFHGEQMHYKCECGKAFSRKDTLVQHQRHSHGKPYECSECG  
 KAFSRKATLVQHQRHHTGERPYECSECGKTF SRKDNLTQHKRHTGEMPYKCNCECGKYF SHHSNLIVHQR  
 VHNGARPYKSDCGKVFRRHKSTLVQHESIHTGENPYDCSDCGKSFHGKYLTIKHQRHTESKPFECIECG  
 KFFSRSSDYIAHQRVHTGERPFVCSKCGKDF IRTSHLVRHQRVHTGERPYECSECGKAYSLSSHLNRHQK  
 VHTAGRL

TRTRPLE - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_003435

**ORF Size:** 1281 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_003435.2](#), [NP\\_003426.2](#)

**RefSeq Size:** 3547 bp

**RefSeq ORF:** 1284 bp

**Locus ID:** 7693

**UniProt ID:** [P52741](#)

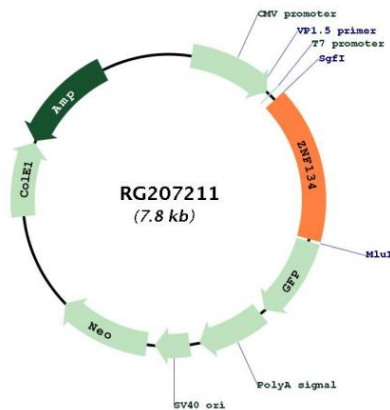
**Cytogenetics:** 19q13.43

**Domains:** zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG207211