

## Product datasheet for **RG233357**

### zinc finger protein 138 (ZNF138) (NM\_001271649) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** zinc finger protein 138 (ZNF138) (NM\_001271649) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** zinc finger protein 138  
**Synonyms:** pHZ-32  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG233357 representing NM\_001271649  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCATAAATTTCAAATCAAATAGACACAAGATAAGACATACTGAAAAAACAATTTAGATGTAAG  
 AATGTGACAAATCACTTTGCATGCTTTACGCCTAACTCAACATAAAAAAATTCATACTAGAGAGAATTT  
 CTACAAATGTGAAGAGTGTGGAAAAACCTTTAACTGGTCCACAAACCTTTCTAACCTAAGAAAATTCAT  
 ACTGGAGAAAAACCTACAAATGTGAAGTATGTGAAAAGCCTTTACCAATCCTCAATCCTTACTAAAC  
 ATAAGATAATTCGTACTGGAGAAAAACCTATAAATGTGCACACTGTGGCAAAGCCTTTAACAGTCCTC  
 ACACCTTACTAGACATAAGATAATTCATACTGAAGAGAAACCTACAAATGTGAACAATGTGGCAAAGGTC  
 TTTAAGCAGTCCCAACCTTACTAAACATCAGATAATTTATACTGGAGAGGAACCATACAAATGTGAGG  
 AATGTGGCAAAGCTTTTAACTATCT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG233357 representing NM\_001271649  
 Red=Cloning site Green=Tags(s)

MHKFSNSNRHKIRHTENKHFRCKECDKSLCMLSRLTQHKKIHTRENFYKCEECKTFNWSTNLSKPKKIH  
 TGEKPYKCEVCGKAFHQSSILTKHKIIRTGEKPYKCAHCGKAFKQSSHLTRHKIIHTEEKPYKCEQCCKV  
 FKQSPTLTKHQI IYTGEEPYKCEECKAFNLS

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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Cloning Scheme:



ACCN: NM\_001271649

ORF Size: 516 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\\_001271649.2](#)

RefSeq Size: 2415 bp

RefSeq ORF: 519 bp

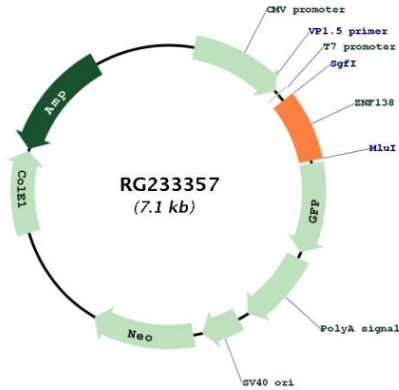
Locus ID: 7697

Cytogenetics: 7q11.21

Protein Families: Transcription Factors

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

**Product images:**



Circular map for RG233357