

## Product datasheet for **RG235588**

### ZNHIT3 (NM\_001281434) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNHIT3 (NM\_001281434) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** ZNHIT3  
**Synonyms:** Hit1; PEHO; TRIP3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG235588 representing NM\_001281434.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGTCGCTCAAATGTAGCACCGTCGCTGCGTGATCTGCTTGGAGAAGCCAAATACCGCTGTCCA
GCCTGCCGCGTGCCCTACTGCTCGGTAGTCTGCTTCCGGAAGCACAAAGGGGAATCTGCAACATTAAGA
AGCTTATTGCTCAATCCACACCTCAGGCAGTTGATGGTCAACCTCGATCAGGGAGAAGACAAAGCAAAG
CTCATGAGAGCTTACATGCAAGAGCCTTTGTTTGTGGAGTTGCAGACTGCTGTTAGGAATTGTGGAG
CCATCCCAGAATGAGGAGTCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG235588  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MASLKCSTVVCVICLEKPKYRCPACRVVPYCSVVCFRKHKGESATLRLLLLNPHLRQLMVNLDQGEDKAK
LMRAYMQEPLFVEFADCCLGIVEPSQNEES
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** Sgfl-MluI



**Cloning Scheme:**


**ACCN:** NM\_001281434

**ORF Size:** 297 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).

**RefSeq:** [NM\\_001281434.1](#), [NP\\_001268363.1](#)

**RefSeq Size:** 806 bp

**RefSeq ORF:** 300 bp

**Locus ID:** 9326

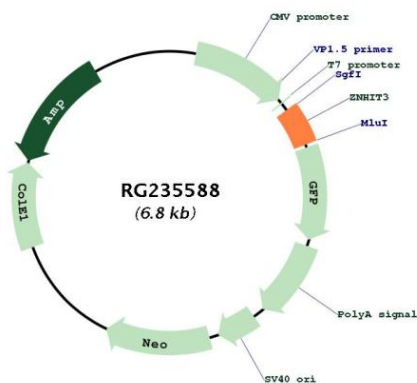
**UniProt ID:** [Q15649](#)

**Cytogenetics:** 17q12

**Protein Families:** Druggable Genome, Transcription Factors

**MW:** 11.7 kDa

Product images:



Circular map for RG235588