

## **Product datasheet for RG228116**

# ZNF268 (NM 001165884) Human Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** ZNF268 (NM\_001165884) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: ZNF268

Synonyms: HZF3

Mammalian Cell Neomycin

Selection:

**Vector:** pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG228116 representing NM\_001165884
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCCACCAGGGTCCGGACAGCTTCTATTTGGACACAGTCTGGAAAATTGATGATCTTATGGATTGGCA TCAGGAAAATAAAGACAAGCTGGGAAGTACGGCAAAAAGCTTTGAATGCACTACATTTGGAAAACTATGT

CTTCTTAGTACAAAGTATCTTTCAAGACAAAAACCTCATAAATGTGGCACGCATGGAAAGAGTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG228116 representing NM\_001165884

Red=Cloning site Green=Tags(s)

MATRVRTASIWTQSGKLMILWIGIRKIKTSWEVRQKALNALHLENYVFLVQSIFQDKNLINVARMERV

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



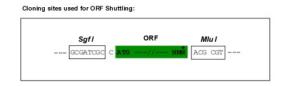
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

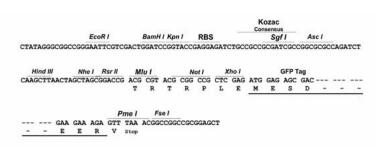
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

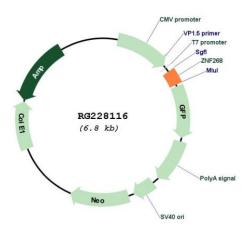


## **Cloning Scheme:**





### Plasmid Map:



**ACCN:** NM\_001165884

ORF Size: 204 bp



#### ZNF268 (NM\_001165884) Human Tagged ORF Clone - RG228116

**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:** <u>NM 001165884.3</u>

 RefSeq Size:
 5332 bp

 RefSeq ORF:
 207 bp

 Locus ID:
 10795

 UniProt ID:
 Q14587

Cytogenetics:

**Protein Families:** Transcription Factors

12q24.33

**Gene Summary:** Isoform 1: Acts as a transcriptional repressor. Inhibits erythroid differentiation and tumor cell

proliferation. Plays a role during ovarian cancer development and progression.

[UniProtKB/Swiss-Prot Function]