

## Product datasheet for **RC229030**

### **ZNF268 (NM\_001165882) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ZNF268 (NM_001165882) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF268
Synonyms:	HZF3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide  
Sequence:**

>RC229030 representing NM\_001165882  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATGTGTTTGTGGATTTTACCTGGGAGGAGTGGCAGCTGCTAGACCCAGCACAGAAGTGCCTGTACA  
 GGAGTGTGATGTTGGAGAACTATAGCAACCTGGTGTCCCTAGGGTACCAACACACCAAACCTGATATCAT  
 CTTCAAGTTGGAACAAGGAGAAGAGCTGTGTATGGTGCAGGCCCAAGTTCCAATCAGACCTGTCCAAAC  
 ACAGTCTGAAAAATTGATGATCTTATGGATTGGCATCAGGAAAAATAAGACAAGCTGGGAAGTACGGCAA  
 AAAGCTTTGAATGCACTACATTTGGAAAATATGTCTTCTAGTACAAAGTATCTTTCAAGCAAAAAACC  
 TCATAAATGTGGCAGCATGGAAAGAGTTTGAATATATAGATTTCACTAGTGATTATGCTAGAAAATAAT  
 CCTAATGGGTTTCAGGTACATGGAAAATCATTCTCCATTCTAACATGAGCAAAGCTTATTGGAATAA  
 AATACTGTGAAAGTATTGAATCTGGAAAACCGTCAATAAGAAAATCGCAACTTATGTGCCAACAAATGTA  
 TATGGGCGAAAAACCTTTGGATGCAGCTGTTGTGAGAAAAGCCTTCAGCAGCAAGTCATACCTTCTAGTG  
 CATCAGCAAACCTCATGCCGAAGAGAAAACCTATGGTTGTAATGAATGTGGGAAAGACTTCAGTAGTAAAT  
 CATACTCATTGTACATCAGAGAATTCATACAGGAGAGAAAACATGAATGCAGTGAATGCAGGAAAAAC  
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 CACAGCTTATTATACACCAGAGAACTCATACAGGGGAGAAAACCTTGAATGTAGTGAGTGCAGAAAAGC  
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 GAATGTGGAAAAGCCTTTACGTTCAAATCACAGCTCATTGTACATAAAGGAGTGCACACTGGAGTAAAAC  
 CCTATGGATGCAGTCAATGTGCAAAAACCTTTAGTTTGAAGTCCCAGCTCATTGTACATCAGAGAAGTCA  
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 CTTTAAATAGGAAAGACCAGCTCATTTCACATCAGCGAACTCATGCAGGGGAAAAGCCTTATGGGTGCAGT  
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 AT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC229030 representing NM\_001165882  
 Red=Cloning site Green=Tags(s)

MDVFVDFTWEEWQLLDPAQKCLYRSVMLENYSNLVSLGYQHTKPDIIFKLEQGEELCMVQAQVNPQTCPN  
 TVWKIDDLMDWHQENKDKLGSTAKSFECTTFGKLCLLSTKYL SRQKPHKCGTHGKSLKYIDFTSDYARNN  
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 ECGKVF SRKDQLVSHQKTHSGQKPYVCNECGKAFGLKSLIIHERIHTGEKPYECNECQKAFNTKSNLMV  
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 ECGKAFSSKSYLIIHMRTHSGEKPYECNECGKAFIWKSLIVHERTHAGVNPYKCSQCEKSFSGKLRLLV  
 HORMHTREKPYECSECGKAFIRNSQLIVHQRTHSGEKPYGCNECGKTF SQKSILSAHQRTHTGEKPCCKT  
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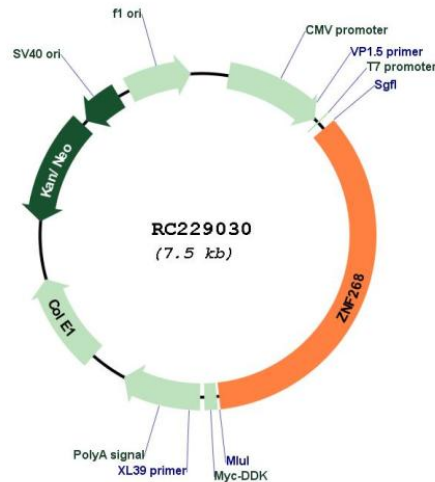
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



**Plasmid Map:**


**ACCN:** NM\_001165882

**ORF Size:** 2592 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\\_001165882.3](#)

**RefSeq Size:** 5639 bp

**RefSeq ORF:** 2595 bp

**Locus ID:** 10795

**Cytogenetics:** 12q24.33

**Protein Families:** Transcription Factors

**MW:** 98.8 kDa

**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]