

Product datasheet for **RG228104**

ZNF268 (NM_001165885) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF268 (NM_001165885) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ZNF268
Synonyms: HZF3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG228104 representing NM_001165885
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCCACCAGGGTCCGGACAGCTTCTATTTGGGTCCCACCTCTCCAAGAACGAAACAGTTCATGGGATA
 GGATCAGAAAGCTCCAAGGTCAGGAATCCATCTGGGCCAAGGGACTCCTGGTCTGCAACCTCTCCCTGG
 AACACCCAGGCAGAAGCAGAAGAGTCGAGAATAGAGAAAGTCTAGAGTGGCTGTTTATTTCCAAGAG
 CAGCCAAAAATCACCAAGTCTGGGTACCAACACACCAACCTGATATCATCTTCAAGTTGGAACAAGG
 AGAAGAGCTGTGTATGGTGCAGGCCAAGTTCCAATCAGACCTGTCCAACACAGTCTGAAAAATTGAT
 GATCTTATGGATTGGCATCAGGAAAATAAGACAAGCTGGGAAGTACGGCAAAAAGCTTTGAATGCACTA
 CATTTGAAAACTATGTCTTCTTAGTACAAAGTATCTTTCAAGACAAAACCTCATAAATGTGGCACGCA
 TGGAAAGAGTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG228104 representing NM_001165885
 Red=Cloning site Green=Tags(s)

MATRVRTASIWVPLQERNSSWDRIRKLQGGESILGQGTPLQPLPGTPRQKQKSRRIEKVLEWLFISQE
 QPKITKSWGNTNPNLISSSSWNKEKSCVWCRPKFQIRPVQTSQGLMILWIGIRKIKTSWEVRQKALNAL
 HLENYVFLVQSIFQDKNLINVARMERV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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:	<ol style="list-style-type: none">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_001165885.2</u>
RefSeq Size:	5629 bp
RefSeq ORF:	504 bp
Locus ID:	10795
UniProt ID:	<u>Q14587</u>
Cytogenetics:	12q24.33
Protein Families:	Transcription Factors
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]