

## Product datasheet for **SC327665**

### ZNF268 (NM\_001165882) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF268 (NM_001165882) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF268
Synonyms:	HZF3
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001165882, the custom clone sequence may differ by one or more nucleotides

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ATGGATGTGTTTGTGGATTTTACCTGGGAGGAGTGGCAGCTGCTAGACCCAGCACAGAAG
TGCCTGTACAGGAGTGTGATGTTGGAGAACTATAGCAACCTGGTGTCCCTAGGGTACCAA
CACACAAACCTGATATCATCTTCAAGTTGGAACAAGGAGAAGAGCTGTGTATGGTGCGAG
GCCCAAGTTCAAATCAGACCTGTCCAAACACAGTCTGGAAAAATTGATGATCTTATGGAT
TGGCATCAGGAAAAAAGACAAGCTGGGAAGTACGGCAAAAAGCTTTGAATGCACTACA
TTTGAAAAACTATGTCTTCTTAGTACAAAAGTATCTTTCAAGACAAAAACCTCATAAATGT
GGCAGCATGGAAAGAGTTTGAATATATAGATTTCACTAGTGATTATGCTAGAAAATAAT
CCTAATGGGTTTCAGGTACATGGAAAAATCATTCTTCCATTCTAAACATGAGCAAACCTGTT
ATTGGAATAAAATACTGTGAAAGTATTGAATCTGGAAAAACCGTCAATAAGAAATCGCAA
CTTATGTGCCAACAAATGTATATGGGCGAAAAACCTTTGGATGCAGCTGTTGTGAGAAA
GCCTTCAGCAGCAAGTCATACCTTCTAGTGCATCAGCAAACCTCATGCCGAAGAGAAAACCC
TATGGTTGTAATGAATGTGGGAAAGACTTCAGTAGTAAATCATACCTCATTGTACATCAG
AGAATTCATACAGGAGAGAAACTACATGAATGCAGTGAATGCAGGAAAACATTCAAGTTTC
CATTACAGCTTGTATACATCAGAGAATTCACACAGGTGAGAATCCCTATGAGTGCTGT
GAATGTGGGAAAGTCTTCAGTAGGAAAGACCAGCTTGTTCACACCAGAAAACCTATTCA
GGACAGAAACCATATGTGTGTAATGAATGTGGGAAAGCTTTTGGTTTAAATCACAGCTC
ATTATACATGAAAGAATTCATACAGGAGAGAAACCATATGAATGCAATGAATGTCAGAAA
GCCTTTAATACAAAGTCAAACCTTATGGTACATCAGAGAACCCATACAGGGGAGAAAACCT
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GGGATTCACACAGGAGTAAAGCCCTATGGGTGATTTCAGTGTGGTAAAGGATTCAAGTTG
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GAATGTGGCAAAAGCCTTCAGGAGCAAGTCATACCTTATTATACATACAAGGACTCATAACA
GGAGAAAAACTCCATGAATGCAACAATTGTGGGAAAGCCTTCAGTTTTAATCACAGCTC
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TATGAATGCACCGACTGTGGAAAGGCTTTTGGTTTAAAGTCACAGCTTATTATACACCAG
AGAACTCATACAGGGGAGAAAACCTTTGAATGTAGTGAGTGTGAGAAAGCCTTTAATACA
AAGTCAAACCTGATTGTACATCAGAGAACTCATACAGGAGAGAAACCCCTATAGTTGTAAT
GAATGTGGAAAAGCCTTTACGTTCAAATCACAGCTCATTGTACATAAAGGAGTGCACACT
GGAGTAAACCCCTATGGATGCAGTCAATGTGCAAAAACCTTTAGTTTGAAGTCCCAGCTC
ATTGTACATCAGAGAAGTCACACAGGAGTAAAACCATATGGATGCAGTGAGTGTGGGAAA
GCCTTCAGGAGCAAGTCATACCTTATTATACATATGAGAACTCATACAGGAGAGAAAACCA
CATGAGTGCAGGGAAATGCGGGAAATCCTTTAGTTTCAATTCACAACTCATTGTGCATCAG
AGAATTCACACAGGAGAGAAAATCCCTATGAATGCAGTGAATGTGGGAAAGCCTTTAATAGG
AAAGACCAGCTCATTTACATCAGCGAACTCATGCAGGGGAAAAGCCTTATGGGTGCAGT
GAATGTGGGAAAGCTTTTAGCAGCAAGTCATACCTAATTATACACATGAGAACTCATTCA
GGTGAAAAACCATATGAATGTAATGAATGTGGGAAAGCCTTCATTTGAAAATCACTACTC
ATTGTACATGAGCGAACTCATGCAGGGTCAACCCCTTATAAATGCAGTCAATGTGAGAAA
TCCTTCAGTGGGAAATTACGCCTTCTTGTACACCAGAGAATGCACACAAGAGAGAAAACCA
TATGAATGCAGTGAGTGTGGAAAAGCCTTCATTAGGAATTCTCAACTCATTGTACATCAA
AGAACTCATTGAGGAGAGAAAACCCCTATGGGTGCAATGAATGTGGGAAAACCTTCTCTCAA
AAATCAATTCTCAGTGCACATCAGAGAACACATACAGGAGAGAAAGCCTTGTAAAGTGCAGT
GAATGTGGGAAAGCCTTTTGTGGAAAGTCACAGCTCATTATGCATCAGAGAACTCATGTA
GATGACAAACAT

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**Restriction Sites:** Please inquire  
**ACCN:** NM\_001165882  
**Insert Size:** 5639 bp

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001165882.1</a>, <a href="#">NP_001159354.1</a></u>
<b>RefSeq Size:</b>	5639 bp
<b>RefSeq ORF:</b>	2595 bp
<b>Locus ID:</b>	10795
<b>Cytogenetics:</b>	12q24.33
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (c) is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>