

Product datasheet for **SC327753**

ZNF268 (NM_152943) Human Untagged Clone

Product data:

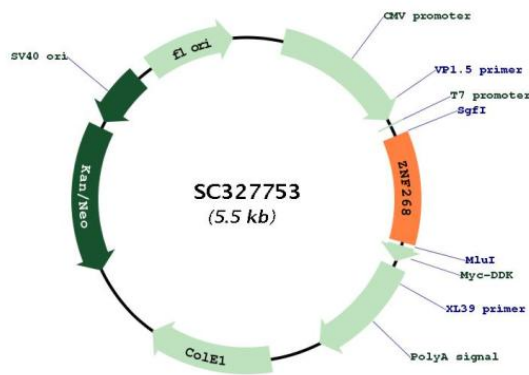
Product Type:	Expression Plasmids
Product Name:	ZNF268 (NM_152943) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF268
Synonyms:	HZF3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327753 representing NM_152943. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCACCAGGGTCCGGACAGCTTCTATTTGGGTCCCACCTCTCCAAGAACGAAACAGTTCATGGGAT
AGGATCAGAAAGCTCCAAGGTCAGGAATCCATCTTGGCCAAGGGACTCCTGGTCTGCAACCTCTCCCT
GGAACACCCAGGCAGAGCAGAAGAGTCGCAGAATAGAGAAAGTCTAGAGTGGCTGTTTATTTCCCAA
GAGCAGCCAAAAATCACCAAGTCTGGGGACCTTTGTCATTTCATGGATGTGTTTGGGATTTTACCTGG
GAGGAGTGGCAGCTGCTAGACCCAGCACAGAAGTGCCTGTACAGGAGTGTGATGTTGGAGAACTATAGC
AACCTGGTGTCCCTAGGGTACCAACACACCAAACCTGATATCATCTTCAAGTTGGAACAAGGAGAAGAG
CTGTGTATGGTGCAGGCCAAGTTCCAAATCAGACCTGTCCAATTTGAAGGCTGGAAAGTCCAAAGCC
AAGGTGCTGGCAGTGTGGTGTCTGGTGGGGCCTGCTCTGTGCTTCCAAGATGACGCCTTGTGCTGC
ATCCTCTGGAGACACAGTCTGGAAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_152943

Insert Size: 582 bp

OTI Disclaimer: 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).

OTI Annotation: 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.

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_152943.2
RefSeq Size:	5862 bp
RefSeq ORF:	582 bp
Locus ID:	10795
UniProt ID:	Q14587
Cytogenetics:	12q24.33
Protein Families:	Transcription Factors
MW:	22 kDa
Gene Summary:	<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 (3) contains an alternate coding exon, which causes a frameshift compared to variant 1. The resulting isoform (b) has a shorter and distinct C-terminus compared to 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>