

## Product datasheet for **SC333384**

### ZNF124 (NM\_001297567) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF124 (NM_001297567) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF124
Synonyms:	HZF-16; HZF16; ZK7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333384 representing NM_001297567. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**  
 ATGTCGGGACACCCCGAAGCTGGGAAATGAACTCGGTTGCCTTTGAGGATGTGGCTGTGAACCTCACC  
 CAGGAGGAGTGGGCTTTGTTGGATCCTTCCAGAAGAATCTCTATAGAGACGTGATGCAGGAAACCTTC  
 AGGAATCTGGCTTCCATAGGAAACAAAGGGGAAGACCAGAGCATTGAAGATCAGTACAAAAATCTTCA  
 AGAAATCTAAGATGTACTGGTTCA**TGA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001297567
Insert Size:	234 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).
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).


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**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\\_001297567.1](#)

**RefSeq Size:** 987 bp

**RefSeq ORF:** 234 bp

**Locus ID:** 7678

**Cytogenetics:** 1q44

**MW:** 8.8 kDa

**Gene Summary:** This gene encodes a protein with an amino-terminal KRAB-A box and multiple repeated Kruppel-type (C2H2) zinc finger motifs at its carboxy terminus. The encoded protein may function as a transcription factor. Expression of this gene is increased after vascular endothelial growth factor (VEGF) stimulation in human leukemia cell lines and results in inhibition of apoptotic cell death induced by irradiation or exposure to etoposide. Alternative splicing results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Jul 2014]

Transcript Variant: This variant (3) lacks an exon and contains an alternate 3' terminal exon, resulting in a different 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (3) has a distinct C-terminus and is shorter than isoform 1.