

Product datasheet for **SC335549**

ZNF124 (NM_001297568) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF124 (NM_001297568) 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:	>SC335549 representing NM_001297568. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGTCGGGACACCCCGAAGCTGGGAAATGAACTCGGTTGCCTTTGAGGATGTGGCTGTGAACCTCACC
CAGGAGGAGTGGGCTTTGTTGGATCCTTCCAGAAGAATCTCTATAGAGACGTGATGCAGGAAACCTTC
AGGAATCTGGCTCCATAGGAAACAAAGGGGAAGACCAGAGCATTGAAGATCAGTACAAAAATTCTTCA
AGAAATCTAAGGCACATCATATCTCATTCTGAAACAACCCATATGGGTGTGAGGAATGCGGAAAGAAG
CCATGTACATGTAACAATGTCAGAAAACCTCCCTTTCTGT CACAAGGGTTCACAGAGACACAGTAATG
CACACTGGAAATGGACATTATGGTTGTACAATATGTGAGAAAGTTTTTAATTTCCAGTTCATTTTCAG
ATACATCAGAGAAATCACACTGGAGAGAAACCCCTATGAATGTATGGAATGTGGGAAAGCCTTAGGTTTT
TCCCGTTCTCTTAATAGACATAAAAAGGATTCACACTGGAGAAAAACGCTATGAATGTAAGCAATGTGGG
AAAGCCTTCAGTCGTTCCAGTCACCTTCGTGACCATGAAAGAAGCTCACTGGAGAGAAACCCCTATGAA
TGTAAGCACTGTGGGAAAGCCTTCCGTTACTCCAATTGCCTTCATTACCATGAAAGAAGCTCACACTGGA
GAGAAACCTTATGTGTGCATGGAATGTGGCAAAGCTTTCAGTTGTCTCAGTTCCTTGCAAGGACATAA
AAGGCTCATGCTGGTGAAGAACCCTATCCATGTAAGCAATGTGGGAAAGCCTTCAGATACGCCAGTTC
CCTTCAGAAACACGAGAAAACCTATATTGCACAGAAACCCCTATGTATGTAACAATTGTGGTAAAGGCTTC
AGATGTTCCAGTTCCTTTCGTGACCATGAAAGGACTCATACTGGAGAGAAACCCCTATGAATGTCAGAAA
TGTGGCAAAGCCTTTAGTCGTGCTAGTACCCCTTGGAAAGCATAAAAAAAGCTCATACTGGAGAAAAGCC
TATAAATGTAAAAAAATGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001297568



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Insert Size:	1056 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).
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_001297568.1</u>
RefSeq Size:	2791 bp
RefSeq ORF:	1056 bp
Locus ID:	7678
UniProt ID:	<u>Q15973</u>
Cytogenetics:	1q44
MW:	40.2 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The encoded isoform (4) is longer than isoform 1. 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>