

Product datasheet for SC309425

ZNF124 (NM_003431) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF124 (NM_003431) 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:	>SC309425 representing NM_003431. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCGGGACACCCCGAAGCTGGGAAATGAACTCGGTTGCCTTTGAGGATGTGGCTGTGAACCTCACC
CAGGAGGAGTGGGCTTTGTTGGATCCTTCCAGAAGAATCTCTATAGAGACGTGATGCAGGAAACCTTC
AGGAATCTGGCTTCCATAGGAAACAAAGGGGAAGACCAGAGCATTGAAGATCAGTACAAAAATCTTCA
AGAAATCTAAGTTCATTTAGATACATCAGAGAAATCACACTGGAGAGAAACCTATGAATGTATGGAA
TGTGGGAAAGCCTTAGGTTTTCCCGTTCTCTAATAGACATAAAAGGATTCACACTGGAGAAAAACGC
TATGAATGTAAGCAATGTGGGAAAGCCTTCAGTCGTTCCAGTCACCTTCGTGACCATGAAAGAACTCAT
ACTGGAGAGAAACCTATGAATGTAAGCACTGTGGGAAAGCCTTCGGTACTCCAATTGCCTTCATTAC
CATGAAAGAACTCACACTGGAGAGAAACCTTATGTGTGCATGGAATGTGGCAAAGCTTTCAGTTGTCTC
AGTTCTTGAAGGACATATAAAGGCTCATGCTGGTGAAGAACCCTATCCATGTAAGCAATGTGGGAAA
GCCTTCAGATACGCCAGTTCCCTTCAGAAACACGAGAAAACCTCATATTGCACAGAAAACCTATGTATGT
AACAAATGTGGTAAAGGCTTCAGATGTTCCAGTTCCTTCGTGACCATGAAAGGACTCATACTGGAGAG
AAACCTATGAATGTCAGAAATGTGGCAAAGCCTTTAGTCGTGCTAGTACCCTTTGGAAGCATAAAAAA
ACTCATACTGGAGAAAAGCCCTATAAATGTAAAAAAATGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_003431
Insert Size:	870 bp



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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:	<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_003431.3</u>
RefSeq Size:	2605 bp
RefSeq ORF:	870 bp
Locus ID:	7678
UniProt ID:	<u>Q15973</u>
Cytogenetics:	1q44
MW:	33.3 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 (1) encodes 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>