

Product datasheet for **RC231543**

ZNF124 (NM_001243740) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF124 (NM_001243740) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ZNF124
Synonyms: HZF-16; HZF16; ZK7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC231543 representing NM_001243740
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCGGGACACCCCGGAAGCTGGGAAATGAACTCGGTTGCCTTTGAGGATGTGGCTGTGAACTTCACCC
AGGAGGAGTGGGCTTTGTTGGATCCTTCCAGAAGAATCTCTATAGAGACGTGATGCAGGAAACCTTCAG
GAATCTGGCTTCCATAGGAAACAAAGGGAAGACCAGAGCATTGAAGATCAGTACAAAAATCTTCAAGA
AATCTAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231543 representing NM_001243740
Red=Cloning site **Green**=Tags(s)

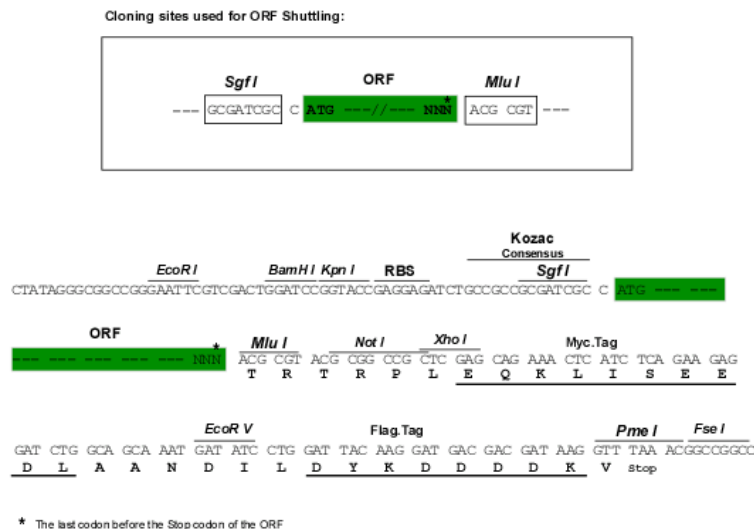
MSGHPGSWEMNSVAFEDVAVNFTQEEWALLDPSQKNLYRDVMQETFRNLASIGNKGEDQSIEDQYKNSSR
NLR

TRTRPLE**QKLISEEDLA**NDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001243740

ORF Size: 219 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001243740.2](#)

RefSeq Size: 2268 bp

RefSeq ORF: 222 bp

Locus ID: 7678

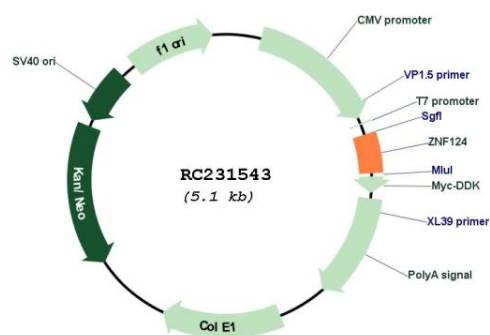
UniProt ID: [Q15973](#)

Cytogenetics: 1q44

MW: 8.9 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]

Product images:



Circular map for RC231543