

Product datasheet for **SC336844**

ZNF539 (ZNF254) (NM_001278678) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF539 (ZNF254) (NM_001278678) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF254
Synonyms:	BMZF-5; HD-ZNF1; ZNF91L; ZNF539
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



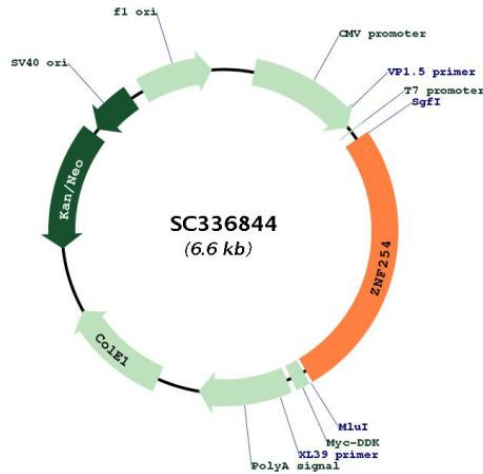
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Fully Sequenced ORF: >SC336844 representing NM_001278678.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGTCCTCATTTTGTCAAGACCTTTGGCCAGAGCAGGGCATGGAAGATTCTTTTCAAAAAGCAATA
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TATAAGGTGAACAAAGAAGGTTATAATGGACTTAACCAGTGTTCACAACGCCCCAGAGCAAAGTATTT
CAATGTGATAAATATTTGAAAGTCTTCTATAAATTTTTAAATTCAAACAGACCTAAGATAAGACATACT
GAAAAGAAATCTTTCAAATGTAAAAACGTGTCAAATTATTTGCATGCTTTCACATAAAACCCAACAC
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CCTTACAAGTGTGAAGAATGTGGCAAAGCATTATCTGGTCTCAACCCTTACTGAGCATAAGAAAATT
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AGACATAAGAGGATGCACACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTTAGCCAG
TCCTCAACCCTTACTACACATAAGATAATTCATACTGGAGAGAAACGCTACAAATGCTTAGAATGTGGC
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TGTGAAGAATGCGGCAAAGGTTTTAATCGATCTTCAAATCTTACTACACATAAGATAATTCATACTGGA
GAGAAACCTTACAAGTGTGAAGAATGTGGCAAAGCATTATCTGGTCTCAACCCTTACTAACATAAG
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AGCCAATCTCAACCCTTACTACACATAAGATAATTCATACTGGAGAGAAACCTACAAATGTGAAGAA
TGTGGCAAAGCCTTTAACTGGTCTCAACTCTTACTAAACATAAGATAATTCATACTGAAGAGAAACCC
TACAAATGTGAAAAATGTGGCAAAGCCTTTAAGCAGTCTTCAATCCTTACTAACCATAAGAGAATTCAT
ACTGGAGAGAAACCTATAAATGTGAAGAATGTGGCAAATCTTTTAACCGGTCTTCAACTTTTACTAAA
CATAAGGTAATTCATACTGGAGTAAAACCTACAAATGTGAAGAATGTGGCAAAGCATTTTTCTGGTCC
TCAACCCTAACTAAACATAAGAGAATTCATACTGGAGAGCAACCCTACAAATGGGAAAAATTTGGCAA
GCCTTTAATCGGTCTCGCACCTACCACAGATAAGATAACTCATTGGAGAGAAATCTTACAAGTATGA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001278678

Insert Size: 1725 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:

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_001278678.1](#)

RefSeq Size: 3904 bp

RefSeq ORF: 1725 bp

Locus ID: 9534

Cytogenetics: 19p12

Protein Families: Transcription Factors

MW: 67.3 kDa

Gene Summary:

Zinc finger proteins have been shown to interact with nucleic acids and to have diverse functions. The zinc finger domain is a conserved amino acid sequence motif containing 2 specifically positioned cysteines and 2 histidines that are involved in coordinating zinc. Kruppel-related proteins form 1 family of zinc finger proteins. See ZFP93 (MIM 604749) for additional information on zinc finger proteins.[supplied by OMIM, Jul 2002]

Transcript Variant: This variant (6) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream in-frame start codon compared to variant 1. It encodes isoform c which has a shorter N-terminus compared to isoform a. Variants 5 and 6 encode isoform c.