

Product datasheet for **SC308094**

ZNF539 (ZNF254) (NM_203282) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF539 (ZNF254) (NM_203282) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF539
Synonyms:	BMZF-5; HD-ZNF1; ZNF91L; ZNF539
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_203282, the custom clone sequence may differ by one or more nucleotides
 ATGCCAGGACCCCTAGAAAGCTAGAAATGGGACTGTTGACATTTAGGGATGTGGCCATA
 GAATTCTCTGGAGGAGTGGCAACACCTGGACATTGCACAGCAGAATTTATATAGAAAT
 GTGATGTTAGAGAACTACAGAAACCTGGCCTTCCTGGGTATTGCTGTCTAAGCCAGAC
 CTGATCACCTGTCTGGAACAAGGAAAGAGCCCTGGAATATGAAGCGACATGAGATGGTG
 GATGAACCCCGAGTATGTGTCCTCATTTTGGCTCAAGACCTTTGGCCAGAGCAGGGCATG
 GAAGATTCCTTTCAAAAAGCAATACTGAGAAGATATGGAAAATATGGACATGAGAATTTA
 CAGTTAAGAAAAGCTGTAAAAGTGTGGATGAGTATAAGGTGAACAAAGAAGTTATAAT
 GGACTTAACCACTGTTTCACAACCTGCCAGAGCAAAGTATTTCAATGTGATAAAATATTTG
 AAAGTCTTCTATAAAATTTTAAATTTCAAACAGACCTAAGATAAGACATACTGAAAAGAAA
 TCTTTCAAATGTAACAAACGTGTCAAATTTTTCATGCTTTTACATAAAACCCCAACAC
 AAAAGCATTTATCATAGAGAGAAGTCTACAAATGTAAAGAATGTGGAAAACCTTTAAT
 TGGTCTCAACCCTTACTAATCATAGGAAAATTTATACTGAAGAGAAACCTTACAATGT
 GAAGAATAAACAATCTCCTAAGCAACTCTCAACCCTTACTACACATGAAATAATTCAT
 GCTGGAGAGAACTCTACAAATGTGAAGAATGTGGTGAAGCTTTAATCGATCCTCAAAT
 CTTACTACACATAAGATAATTCATACTGGAGAGAAACCTTACAAGTGTGAAGAATGTGGC
 AAAGCATTTATCTGGTCTCAACCCTTACTGAGCATAAGAAAATTCATACTAGAAAAGAAA
 CCCTACAAGTGTGAAGAATGTGGCAAAGCATTTATATGGTCTCAACCTAACTAGACAT
 AAGAGGATGCACACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTTAGC
 CAGTCTCAACCCTTACTACACATAAGATAATTCATACTGGAGAGAAACGCTACAAATGC
 TTAGAATGTGGCAAAGCTTTAAGCAACTCTCAACTCTTACTACACATAAAATAATTCAT
 GTTGGAGAGAACTCTACAAATGTGAAGAATGCGGCAAAGCTTTAATCGATCTTCAAAT
 CTTACTACACATAAGATAATTCATACTGGAGAGAAACCTTACAAGTGTGAAGAATGTGGC
 AAAGCATTTATCTGGTCTCAACCCTTACTAAACATAAGAGAATTCATACTAGAGAGAAA
 CCCTACAATGTGAAGAATGTGGCAAAGCATTTATATGGTCTCAACCCTAACTAGACAT
 AAGAGGATGCACACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAATCTTTTAGC
 CAATCCTCAACCCTTACTACACATAAGATAATTCATACTGGAGAGAAACCTACAAATGT
 GAAGAATGTGGCAAAGCTTTAAGTGGTCTCAACTCTTACTAAACATAAGATAATTCAT
 ACTGAAGAGAAACCTACAAATGTGAAAATGTGGCAAAGCTTTAAGCAGTCTTCAATC
 CTTACTAACCATAGAGAATTCATACTGGAGAGAAACCTATAAATGTGAAGAATGTGGC
 AAATCTTTAACCAGTCTTCAACTTTTACTAAACATAAGGTAATTCATACTGGAGTAAAA
 CCCTACAATGTGAAGAATGTGGCAAAGCATTTTCTGGTCTCAACCCTAACTAAACAT
 AAGAGAATTCATACTGGAGAGCAACCCTACAAATGGGAAAAATTTGGCAAAGCTTTAAT
 CCGTCTCGCACCTACCACAGATAAGATAACTCATTGGAGAGAAATCTTACAAGTATGA

Restriction Sites: Please inquire

ACCN: NM_203282

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:

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_203282.1](#), [NP_975011.2](#)

RefSeq Size: 4022 bp

RefSeq ORF: 1980 bp

Locus ID: 9534

UniProt ID: [O75437](#)

Cytogenetics: 19p12

Protein Families: Transcription Factors

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 (4) differs in the 5' UTR and 5' coding region and uses an alternate start codon, compared to variant 1. The encoded isoform (b) has a distinct and longer N-terminus compared to isoform a.