

## Product datasheet for **RG239119**

### **ZNF539 (ZNF254) (NM\_001278661) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ZNF539 (ZNF254) (NM_001278661) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF539
Synonyms:	BMZF-5; HD-ZNF1; ZNF91L; ZNF539
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RG239119 representing NM\_001278661.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```

GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGTTAGAGAACTACAGAAACCTGGCCTTCCTGGGTATTGCTGTCTCTAAGCCAGACCTGATCACCTGT
CCTGGAACAAGGAAAGAGCCCTGGAATATGAAGCGACATGAGATGGTGGATGAACCCCCAGGTATGTGT
CCTCATTTTGTCAAGACCTTTGGCCAGAGCAGGGCATGGAAGATTCTTTTCAAAAAGCAATACTGAGA
AGATATGGAAAATATGGACATGAGAATTTACAGTTAAGAAAAGGCTGTAAGAGTGTGGATGAGTATAAG
GTGAACAAAGAAGGTTATAATGGACTTAACCAAGTGTTCACAACCTGCCAGAGCAAAGTATTTCAATGT
GATAAATATTTGAAAGTCTTCTATAAATTTTAAATTCAAACAGACCTAAGATAAGACATACTGAAAAG
AAATCTTCAAAATGTAACAAACGTGTCAAATTATTTGCATGCTTTCACATAAAACCCAACAAAAAGC
ATTTATCATAGAGAGAAGTCTACAAATGTAAGAATGTGAAAAACCTTAATTGGTCTCAACCCCTT
ACTAATCATAGGAAAATTTATACTGAAGAGAAACCTTACAAATGTGAAGAATAAACAATCTCCTAAG
CAACTCTCAACCCCTTACTACACATGAAATAATTCATGCTGGAGAGAACTCTACAAATGTGAAGAATGT
GGTGAAGCTTTAATCGATCCTCAAATCTTACTACACATAAGATAATTCATACTGGAGAGAAACCTTAC
AAGTGTGAAGAATGTGGCAAAGCATTATCTGGTCTCAACCCCTTACTGAGCATAAGAAAATTCATACT
AGAAAAGAAACCTACAAGTGTGAAGAATGTGGCAAAGCATTATATGGTCTCAACCTAAGTACACTA
AAGAGGATGCACACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTAGCCAGTCTCA
ACCCTTACTACACATAAGATAATTCATACTGGAGAGAAACCTACAAATGCTTAGAATGTGGCAAAGCT
TTAAGCAACTCTCAACTCTTACTACACATAAAATAATTCATGTTGGAGAGAACTCTACAAATGTGAA
GAATGCGGCAAAGGTTTTAATCGATCTTCAAATCTTACTACACATAAGATAATTCATACTGGAGAGAAA
CCTTACAAGTGTGAAGAATGTGGCAAAGCATTATCTGGTCTCAACCCCTTACTAAACATAAGAGAATT
CATACTAGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCATTATATGGTCTCAACCCCTAACT
AGACATAAGAGGATGCACACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAATCTTTTAGCCAA
TCCTCAACCCCTTACTACACATAAGATAATTCATACTGGAGAGAAACCTACAAATGTGAAGAATGTGGC
AAAGCCTTTAAGTGGTCTCAACTCTTACTAAACATAAGATAATTCATACTGAAGAGAAACCTACAAA
TGTGAAAATGTGGCAAAGCCTTAAGCAGTCTCAATCCTTACTAACCATAGAGAATTCATACTGGA
GAGAAACCTATAAATGTGAAGAATGTGGCAAATCTTTAACCGTCTTCAACTTTTACTAACATAAG
GTAATTCATACTGGAGTAAACCTACAAATGTGAAGAATGTGGCAAAGCATTTTCTGGTCTCAACC
CTAACTAACATAAGAGAATTCATACTGGAGAGCAACCTACAAATGGGAAAAATTTGGCAAAGCCTTT
AATCGGTCTCGCACCTACCACAGATAAGATAACTCATTGGAGAGAAATCTTACAAGTA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

```

**Protein Sequence:**

>Peptide sequence encoded by RG239119  
 Blue=ORF Red=Cloning site Green=Tag(s)

```

MLENYRNLAFLGI AVSKPDLITCLEQGKEPWNMKRHEMVD EPPGMCPHF AQDLWPEQGMEDSFQKAILR
RYGKYGHENLQLRKGCKSVDEYKVNKEGYNGLNQCF TTAQSKVFQCDKYLKVFYKFLNSNRPKIRHTEK
KSFKCKKRVKLFCMLSHKTQHKSIYHREKSYKCKEKGKTFNWSSTLTNHRKIYTEEKPYKCEEYKSPK
QLSTLTTHETIIHAGEKLYKCEECGEAFNRSSNL TTHKIIHTGEKPYKCEEKGKAFIWSSTL TEHKKIHT
RKKPYKCEEKGKAFIWSSTL TRHKRMHTGEKPYKCEEKGKAFS QSSTLTTHKIIHTGEKRYKCLECGKA
FKQLSTLTTHKIIHVGEKLYKCEECGKGFNRSSNL TTHKIIHTGEKPYKCEEKGKAFIWSSTL TKHKRI
HTREKPYKCEEKGKAFIWSSTL TRHKRMHTGEKPYKCEEKGKSF QSSTLTTHKIIHTGEKPYKCEEKG
KAFNWSSTLTKHKIIHTEEKPYKCEKCGKAFKQSSILT NHKRIHTGEKPYKCEEKGKSFNRSSSTFKHK
VIHTGVKPYKCEEKGKAFWSSTLTKHKRIHTGEQPYKWEKFGKAFNRSSHLTDDKITHWREILQV
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGFSFTRTFLSRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

```

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001278661

**ORF Size:** 1854 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).

**RefSeq:** [NM\\_001278661.1](#), [NP\\_001265590.1](#)

**RefSeq Size:** 4262 bp

**RefSeq ORF:** 1857 bp

**Locus ID:** 9534

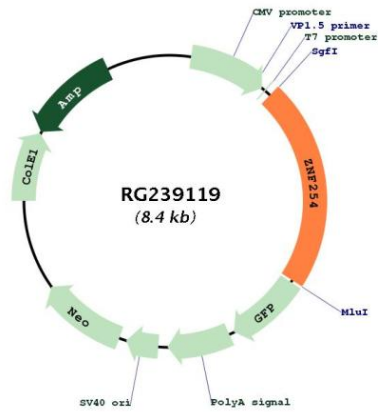
**Cytogenetics:** 19p12

**Protein Families:** Transcription Factors

**MW:** 72.8 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]

Product images:



Circular map for RG239119