

## Product datasheet for **RC235556**

### **ZNF539 (ZNF254) (NM\_001278665) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF539 (ZNF254) (NM\_001278665) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** ZNF254  
**Synonyms:** BMZF-5; HD-ZNF1; ZNF91L; ZNF539  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC235556 representing NM\_001278665  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

**ATGCCAGGACCCCTAGAAGCCTAGAAATGGGACTGTTGACATTTAGGGATGTGGCCATAGAATTCTCTC**  
**TGGAGGAGTGGCAACACCTGGACATTGCACAGCAGAATTTATATAGAAATGTGATGTTAGAGAACTACAG**  
**AAACCTGGCCTTCTGGGTATTGCTGTCTCTAAGCCAGACCTGATCACCTGTCTGGAACAAGGAAAGAG**  
**CCCTGGAATATGAAGCGACATGAGATGGTGGATGAACCCCGAGGATTGGATTTTTTCATTACTG**

**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**  
**ACAAGGATGACGACGATAAGGTTTAA**

**Protein Sequence:** >RC235556 representing NM\_001278665  
**Red=Cloning site Green=Tags(s)**

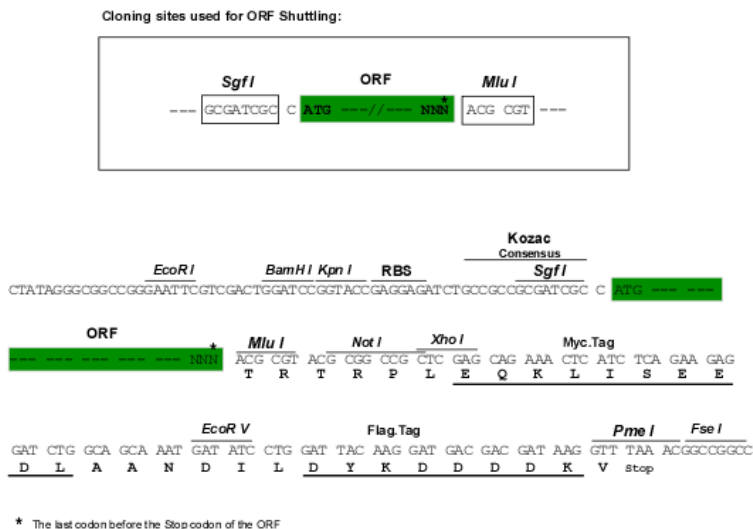
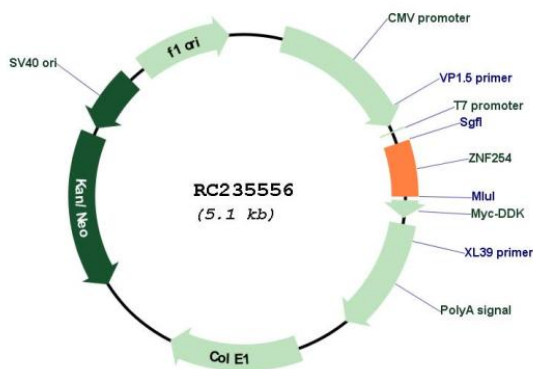
MPGPPRSLEMGLLTFRDVAIEFSLEEWQHLDIAQQNLYRNVMLENYRNLAFLGI AVSKPDLITCLEQKGE  
PWNMKRHEMVDEPPGLDFSL

**TRTRPLEQKLI SEEDLAANDILDYKDDDDKV**

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001278665

**ORF Size:** 273 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](#)

<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001278665.2</a></u>
<b>RefSeq Size:</b>	565 bp
<b>RefSeq ORF:</b>	276 bp
<b>Locus ID:</b>	9534
<b>Cytogenetics:</b>	19p12
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	11 kDa
<b>Gene Summary:</b>	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]