

Product datasheet for **RG238990**

ZNF539 (ZNF254) (NM_001278664) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF539 (ZNF254) (NM_001278664) 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)



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ORF Nucleotide Sequence:

>RG238990 representing NM_001278664.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAAGCGACATGAGATGGTGGATGAACCCCAAGGTATGTCTCCTATTTTCTCAAGACCTTTGGCCA
GAGCAGGGCATGGAAGATTCTTTTCAAAAAGCAATACTGAGAAGATATGGAAAATATGGACATGAGAAT
TTACAGTTAAGAAAAGGCTGTAAAAGTGGATGAGTATAAGGTGAACAAAGAAGTTTAAATGGACTT
AACCAAGTGTTCACAACCTGCCAGAGCAAAGTATTTCAATGTGATAAATATTTGAAAGTCTTCTATAAA
TTTTTAAATTCAAACAGACCTAAGATAAGACATACTGAAAAGAAATCTTTCAAATGTAAAAACGTGTC
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TGTAAGAATGTGAAAAACCTTAATTGGTCTCAACCCTTACTAATCATAGGAAAATTTACTGAA
GAGAAACCTTACAAATGTGAAGAATAACAATCTCCTAAGCAACTCTCAACCCTTACTACACATGAA
ATAATTCATGCTGGAGAGAACTCTACAAATGTGAAGAATGGTGAAGCTTTTAAATCGATCCTCAAT
CTTACTACACATAAGATAATTCATACTGGAGAGAAACCTTACAAGTGTGAAGAATGTGGCAAAGCATT
ATCTGGTCTCAACCCTTACTGAGCATAAGAAAATTCATACTAGAAAAGAAACCTACAAGTGTGAAGAA
TGTGGCAAAGCATTATATGGTCTCAACACTAAGACATAAGAGGATGCACACTGGAGAGAAACCC
TACAAATGTGAAGAATGTGGCAAAGCTTTAGCCAGTCTCAACCCTTACTACACATAAGATAATTCAT
ACTGGAGAGAAACGCTACAAATGCTTAGAATGTGGCAAAGCTTTAAGCAACTCTCAACTTACTACA
CATAAAATAATTCATGTTGGAGAGAACTCTACAAATGTGAAGAATGCGGCAAAGTTTTAATCGATCT
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CAGTCTTCAATCCTTACTAACATAAGAGAATTCATACTGGAGAGAAACCTATAAATGTGAAGAATGT
GGCAAATCTTTAACCCTTCAACTTTTACTAACATAAGGTAATTCATACTGGAGTAAACCCCTAC
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GGAGAGCAACCCTACAAATGGGAAAAATTTGGCAAAGCCTTTAATCGTCTCGCACCTCACCACAGAT
AAGATAACTCATTGGAGAGAAATCTTACAAGTA
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG238990
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MKRHEMVDPEPGMCPHFQDLWPEQGMEDSFQKAILRRYKYGHENLQLRKGCKSVDEYKVNKEGYNGL
NQCFTTAQSKVFQCDKYLKVFYKFLNSNRPKIRHTEKKSFKCKKRVKLFMLSHKTQHKSIYHREKSYK
CKECGKTFNWSSTLTNHRKIYTEEKPYKCEEYKSPKQLSTLTTHEIIHAGEKLYKCEECGEAFNRSSN
LTTHKIIHTGEKPYKCEECGKAFIWSSTLTEHKKIHRKPKYKCEECGKAFIWSSTLTRHKRMHTGKPK
YKCEECGKAFSQSSTLTTHKIIHTGEKRYKLECGKAFKQLSTLTTHKIIHVGEKLYKCEECGKGFNRS
SNLTTHKIIHTGEKPYKCEECGKAFIWSSTLTKHKRIHTREKPYKCEECGKAFIWSSTLTRHKRMHTGE
KPYKCEECGKFSQSSTLTTHKIIHTGEKPYKCEECGKAFNWSSTLTKHKIIHTEEKPYKCEKCGKAFK
QSSILTNNKRIHTGEKPYKCEECGKFSNRSSTFTKHKVIHTGVKPYKCEECGKAFWSSTLTKHKRIHT
GEQPYKWEKFGKAFNRSSHLTDDKITHWREILQV
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

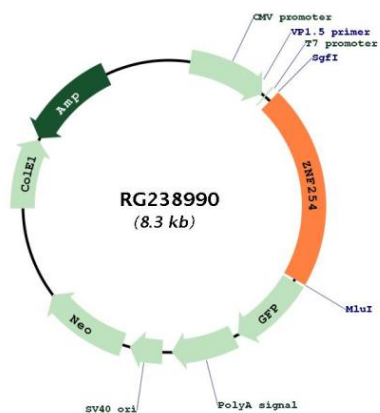
Restriction Sites:

SgfI-MluI

Cloning Scheme:


- ACCN:** NM_001278664
- ORF Size:** 1758 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_001278664.1](#), [NP_001265593.1](#)
- RefSeq Size:** 4000 bp
- RefSeq ORF:** 1761 bp
- Locus ID:** 9534
- Cytogenetics:** 19p12
- Protein Families:** Transcription Factors
- MW:** 69.2 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 RG238990