

## Product datasheet for **RG239040**

### ZNF343 (NM\_001282495) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF343 (NM_001282495) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF343
Synonyms:	dj734P14.5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG239040 representing NM\_001282495.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGATGTTGCCTTATCCTTCAGCACTGGGAGATCAATACTGGGAAGAGATTTTGCTTCAAAGAATGGG
GAAAATGTAGAGACTATGAAGAAATGACCCAAAATCATAAAGCGAAAGGCTTGCTTCTAATGATACT
GACTGCCCCAGAAAAAGGAGGGAAAGGCCAAAATAGTGGTACCAGTTACATTCAGGGATGTGACTGTG
ATCTTCACAGAAGCAGAATGGAAGAGACTGAGTCCAGAGCAGAGGAATCTATACAAAGAAGTGATGCTG
GAGAATTACAGGAATCTTCTCTCATTGGCAGAACCAAAGCCAGAAATCTACACTTGTTCCTCCTGCCTT
CTGGCCTTCTCCTGTCAGCAGTTCCTCAGTCAACATGTACTTCAGATCTTCTGGGCTTATGTGCAGAA
AATCACTTCCATCCAGGGAATTCAGCCCAGGGCATTGGAACAGCAGGGGCAGCAGTATCCCATGTA
AGCTGTTGGTTTAAAAATGCAGAAGGTGAGGAGAGAGGAGGTGGTCCAAACCCTGGTCTGCAAGGACA
GAGGAGAGAGAAACCTCAAGGGCATTCCCAGCCCACTCAAAGACAGTCAGCAAGTCTAGAAAAGGC
AACATGGTGGTAGAAACAGAGCCAGCTCAGCCCAAAGACCAAACCCTGTGCAGCTAGACAAAGGCTTG
AAGGAATTAGAAACCTTGAGATTTGAGCAATCAACTGTAGAGAGTATGAACCGGACCATAACCTGGAA
TCAAACCTTATTACAAACCCGAGGACCCTCTTAGGGAAGAAGCCCTACATTTGCAGTGATTGTGGGCGA
AGCTTTAAAGATAGATCAACCCTCATCAGACACCATCGTATACACTCGATGGAGAAGCCTTATGTGTGC
AGTGAGTGCAGGCGAGGTTTTAGCCAGAAGTCCAACTCAGCAGACACCAGAGAACACATTCAGAAGAG
AAGCCTTATTTGTGCAGGGAGTGTGGGCAAAGCTTTAGAAGTAAGTCCATCCTCAATAGACATCAGTGG
ACTCACTCAGAGGAGAAGCCCTATGTTTGCAGCGAGTGTGGGCGAGGCTTTAGCGAGAAGTCATCCTTC
ATCAGACACCAGAGGACACACTCCGGTGAGAAACCTATGTGTGCCTGGAGTGTGGACGAAGCTTTTGT
GATAAGTCAACCTCAGAAAACACCAGAGGATACACTCAGGGGAGAAGCCTTATGTTTGCAGGGAGTGT
GGGCGAGGCTTTAGCCAGAACTCAGATCTCATCAAACACCAGAGGACACACTTGGATGAGAAGCCTTAT
GTTTGCAGGGAGTGTGGGCGAGGCTTTTGTGACAAGTCAACCCTCATCATACAGAGCGGACGCACTCT
GGAGAGAAGCCTTATGTGTGTGGTGTGAGTGTGGCCGAGGCTTTAGTCGAAATCACTCCTCCTTGTCCAC
CAGAGGACACACTCAGGGGAGAAGCATTATGTCTGCAGGGAGTGTAGGCGAGGTTTTAGCCAGAAGTCA
AATCTCATCAGACACCAGAGGACGCACTCAAATGAGAAGCCTTATTTTGCAGGGAATGTGGGCGAGGC
TTTTGTGACAAGTCAACCCTCATTGTACATGAGAGGACACACTCAGGAGAGAAGCCTTACGTGTGCAGT
GAGTGTGGCCGAGGCTTTAGCCGAAATCACTCCTCCTTGTCCACCAGAGGACACACTCAGGGGAGAAG
CATTATGTTTGTAGGGAGTGTGGGCGAGGCTTTAGTCATAAGTCAAATTCATCAGACACCAGAGGACA
CAC
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
```

**Protein Sequence:**

>Peptide sequence encoded by RG239040  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MMLPYPSALGDQYWEIILLPKNGENVETMKKLTQNHKAKGLPSNDTDCPQKKEGKAQIVVPVTRFDVTV
IFTEAEWKRLSPEQRNL YKEVMLENYRNLLSLAEPKPEIYTCSSCLLAFSCQQFLSQHVLQIFLGLCAE
NHFHPGNSSPGHWKQQGQQYSHVSCWFENAEGQERGGGSKPWSARTEERETSRAFPSPLQRQSASPRKG
NMVVEETEPSSAQRPNPVQLDKGLKELETLRFGA INCREYEPDHNLESNFI TNPRTLLGKKPYICSDCGR
SFKDRSTLIRHHR IHSMEKPYVCSEGRGFSQKSNLSRHQRTHSEEKPYLCRECGQSFRSKSLNRHQW
THSEEKPYVCSEGRGFSEKSSFIRHQRTHSGEKPYVCLEGRSFCDKSTLRKHQRIHSGEKPYVCREC
GRGFSQNSDLIKHQRTLDEKPYVCREGRGFCDKSTLI IHERTHSGEKPYVCGECGRGFSRKSLLLVH
QRTHSGEKHVYVCRERRGF SQKSNLIRHQRTHSNEKPYICRECGRGC DKSTLIVHERTHSGEKPYVCS
ECGRGFSRKSLLLVHQRTHSGEKHVYVCREGRGFSHKSNIIRHQRTH
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFLSRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

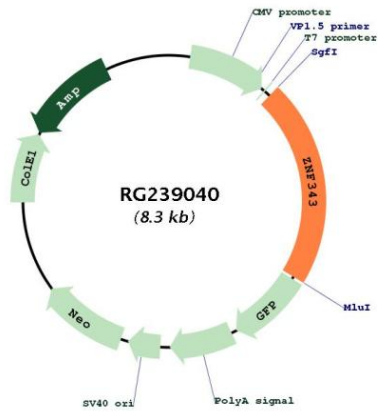
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


- ACCN:** NM\_001282495
- ORF Size:** 1797 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\\_001282495.1](#), [NP\\_001269424.1](#)
- RefSeq Size:** 3570 bp
- RefSeq ORF:** 1800 bp
- Locus ID:** 79175
- UniProt ID:** [Q6P1L6](#)
- Cytogenetics:** 20p13
- Protein Families:** Transcription Factors
- MW:** 69.7 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG239040