

Product datasheet for **RG238629**

ZNF343 (NM_001282498) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF343 (NM_001282498) 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:

>RG238629 representing NM_001282498.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGGAGAATTACAGGAATCTTCTCATTGGCAGAACCAAGCCAGAAATCTACACTTGTTCCTCC
TGCCCTTGCCCTTCTCCTGTCCAGCAGTCTCAGTCAACATGTACTTCAGATCTTCTGGGCTTATGT
GCAGAAAATCACTTCCATCCAGGAATTCTAGCCAGGGCATTGAAACAGCAGGGGCAGCAGTATTCC
CATGTAAGCTGTTGGTTTAAAAATGCAGAAGGTCAAGGAGAGAGGAGGTGGCTCCAAAACCTGGTCTGCA
AGGACAGAGGAGAGAGAAACCTCAAGGGCATTCCCCAGCCACTCAAAGACAGTCAGCAAGTCTAGA
AAAGGCAACATGGTGGTAGAAACAGAGCCAGCTCAGCCCAAAGACCAAACCTGTGCAGCTAGACAAA
GGCTTGAAGGAATTAGAAACCTTGAGATTTGGAGCAATCAACTGTAGAGAGTATGAACCGGACCATAAC
CTGGAATCAAACCTTATTACAAACCCGAGGACCCTCTTAGGGAAGAAGCCCTACATTTGCAGTGATTGT
GGGCGAAGCTTTAAAGATAGATCAACCTCATCAGACACCATCGTATACACTCGATGGAGAAGCCTTAT
GTGTGCAGTGAGTGGCGGAGGTTTTAGCCAGAAGTCCAACCTCAGCAGACACCAGAGAACACATTCA
GAAGAGAAGCCTTATTTGTGCAGGGAGTGTGGCAAAAGCTTTAGAAGTAAGTCCATCCTCAATAGACAT
CAGTGGACTCACTCAGAGGAGAAGCCCTATGTTTGCAGCGAGTGTGGCGAGGCTTTAGCGAGAAGTCA
TCCTTCATCAGACACCAGAGGACACACTCCGGTGAGAAACCTATGTGTGCCTGGAGTGTGGACGAAGC
TTTTGTGATAAGTCAACCTCAGAAAACACCAGAGGATACACTCAGGGGAGAAGCCTTATGTTTGCAGG
GAGTGTGGCGAGGCTTTAGCCAGAACTCAGATCTCATCAAACACCAGAGGACACACTTGGATGAGAAG
CCTTATGTTTGCAGGGAGTGTGGCGAGGCTTTGTGACAAGTCAACCTCATCATAACAGAGCGGACG
CACTCTGGAGAGAAGCCTTATGTGTGGTGTGAGTGTGGCGAGGCTTTAGTGGAAATCACTCCTCCTT
GTCCACCAGAGGACACACTCAGGGGAGAAGCATTATGTCTGCAGGGAGTGTAGGGAGGTTTTAGCCAG
AAGTCAAATCTCATCAGACACCAGAGGACGCACTCAAATGAGAAGCCTTATATTTGCAGGAATGTGGG
CGAGGCTTTTGTGACAAGTCAACCTCATTGTACATGAGAGGACACACTCAGGAGAGAAGCCTTACGTG
TGCAGTGAGTGTGGCGAGGCTTTAGCCGAAATCACTCCTCCTTGTCCACCAGAGGACACACTCAGGG
GAGAAGCATTATGTTTGTAGGGAGTGTGGCGAGGCTTTAGTCATAAGTCAAATCTCATCAGACACCAG
AGGACACAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238629
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MLENYRNLLSLAEPKPEIYTCSSCLLAFSCQQFLSQHVLQIFLGLCAENHFHPGNSSPHWKQQGQQYS
HVSCWFENAEGQERGGGSKPWSARTEERETSRAFPSPLQRQSASPRKGNMNVVETEPSSAQRPNPVQLDK
GLKELETLRFGA INCREYEPDHNLESNFITNPRTLLGKKPYICSDCGRSFKDRSTLIRHHR IHSMEKPY
VCSECGRGFSQKSNL SRHQRT HSEEKPYLCRECGQSFRSK SILNRHQWTHSEEKPYVCSECGRGFSEKS
SFIRHQRT HSGEKP YVCL ECGRSFCDKSTLRKHQRIHSGEKP YVCRECGRGFSQNSDLIKHQRT HLDK
PYVCRECGRGFSQKSTL IHERTHS GEKPYVCGECGRGFSRKSLLL VHQRTHS GEKHVYVRECRRGFSQ
KSNLIRHQRT HSNKPYICRECGRFSQKSTL IHERTHS GEKPYVCGECGRGFSRKSLLL VHQRTHS G
EKHVYVRECGRGFSHKS NLRHQRT H
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

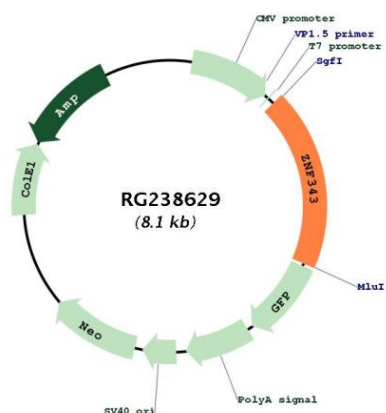
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


- ACCN:** NM_001282498
- ORF Size:** 1527 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_001282498.1](#), [NP_001269427.1](#)
- RefSeq Size:** 3318 bp
- RefSeq ORF:** 1530 bp
- Locus ID:** 79175
- UniProt ID:** [Q6P1L6](#)
- Cytogenetics:** 20p13
- Protein Families:** Transcription Factors
- MW:** 59.3 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238629