

## Product datasheet for **RC239182**

### ZNF343 (NM\_001282497) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF343 (NM_001282497) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF343
Synonyms:	dj734P14.5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide  
Sequence:

>RC239182 representing NM\_001282497  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATGTTGCCTTATCCTTCAGCACTGGGAGATCAATACTGGAAGAGATTTTGCTTCCAAGAATGGGG  
AAAATGTAGAGACTATGAAGAAATTGACCCAAAATCATAAAGCGAAAGGCTTGCCTTCTAATGATACTGA  
CTGCCCCAGAAAAAGGAGGAAAGGCCAAAATAGTGGTACCAGTTACATTCAGGGATGTGACTGTGATC  
TTCACAGAAGCAGAATGGAAGAGACTGAGTCCAGAGCAGAGGAATCTATACAAAGAAGTGATGCTGGAGA  
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CTCGGCTCACCACAACCTTTCCTCCCGGGTCAAGCAATTCTCCTGCCACAGCCTCTCGAGTAGTTGGG  
ATTACAGCAGAACCAAGCCAGAAATCTACACTGTTCCCTCTGCCTTCTGGCCTTCTCCTGTCAGCAGT  
TCCTCAGTCAACATGTACTTCAGATCTTCTGGGCTTATGTGCAGAAAATCACTTCCATCCAGGGAATTC  
TAGCCCAGGGCATTGAAACAGCAGGGCAGCAGTATTCCATGTAAGCTGTTGGTTTAAAAATGCAGAA  
GGTCAGGAGAGAGAGGTTGGCTCCAACCTGGTCTGCAAGGACAGAGGAGAGAAACCTCAAGGGCAT  
TCCCCAGCCCCTCCAAGACAGTCAGCAAGTCCTAGAAAAGGCAACATGGTGGTAGAAAACAGAGCCAG  
CTCAGCCCAAAGACCAAACCTGTGCAGCTAGACAAAAGGCTTGAAGGAATTAGAAACCTTGAGATTTGGA  
GCAATCAACTGTAGAGAGTATGAACCGACCATAACCTGGAATCAAACCTTATTACAAACCCGAGGACCC  
TCTTAGGGAAGAAGCCCTACATTTGCAGTGATTGTGGCGAAGCTTTAAAGATAGATCAACCTCATCAG  
ACACCATCGTATACACTCGATGGAGAAGCCTTATGTGTGCAGTGAAGTGGGGCGAGGTTTTAGCCAGAAG  
TCCAACCTCAGCAGACACCAGAGAACACATTGAGAAGAGAAGCCTTATTTGTGCAGGGAGTGTGGCAAA  
GCTTTAGAAGTAAGTCCATCCTCAATAGACATCAGTGGACTCACTCAGAGGAGAAGCCCTATGTTTGCAG  
CGAGTGTGGCGAGGCTTTAGCGAGAAGTCATCCTTCATCAGACACCAGAGGACACACTCCGGTGAGAAA  
CCCTATGTGTGCCTGGAGTGTGGACGAAGCTTTTGTGATAAGTCAACCTCAGAAAAACACAGAGGATAC  
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TCAACCTCATCATACACGAGCGGACGCACTCTGGAGAGAAGCCTTATGTGTGTGGTGAAGTGTGGCCGAG  
GCTTTAGTCGGAATCACTCCTCCTTGTCCACCAGAGGACACACTCAGGGGAGAAGCATTATGTCTGCAG  
GGAGTGTAGGCGAGGTTTTAGCCAGAAGTCAAATCTCATCAGACACCAGAGGACGCACTCAAATGAGAAG  
CCTTATATTTGCAGGGAATGTGGCGAGGCTTTTGTGACAAGTCAACCTCATTGTACATGAGAGGACAC  
ACTCAGGAGAGAAGCCTTACGTGTGCAGTGAAGTGTGGCCGAGGCTTTAGCCGGAATCACTCCTCCTTGT  
CCACCAGAGGACACACTCAGGGGAGAAGCATTATGTTTGTAGGGAGTGTGGCGAGGCTTTAGTCATAAG  
TCAAATCTCATCAGACACCAGAGGACACAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC239182 representing NM\_001282497  
 Red=Cloning site Green=Tags(s)

MMLPYPSALGDQYWEEILLPKNGENVETMKKLTQNHKAKGLPSNDTDCPQKKEGKAQIVVPVTFRDVTVI  
 FTEAEWKRLSPEQRNLYKEVMLENYRNLLSLDGVSLLLPRLECNRAISAHHNLCLPGSSNSPATASRVVG  
 ITAEPKPEIYTCSSCLLAFSCQFLSQHVLQIFLGLCAENHFHPGNSSPGHWKQQGQYSHVSCWFENAE  
 GQERGGGSKPWSARTEERETSRAFPSPLQRQSASPRKGNMNVVETEPSSAQRPNPVQLDKGLKELETRFG  
 AINCREYEPDHNLESNFITNPRLLGKKPYICSDCGRSFKDRSTLIRHHRHSMKPYVCSECGRGFSQK  
 SNLSRHQRTHSEKPYLCRECGQSFRSKSILNRHQWTHSEKPYVCSECGRGFSEKSSFIRHQRTSGEK  
 PYVCLEGRSFCDKSTLRKHQRIHSGEKPYVCRECGRFSQNSDLIKHQRTLDEKPYVCRECGRFSQK  
 STLIHERTHSGEKPYVCGEGRGFSRKSLLL VHQRTHSGEKHYVCRECGRFSQKSNLIRHQRTSNEK  
 PYICRECGRFSQKSTLIVHERTHSGEKPYVCSECGRGFSRKSLLL VHQRTHSGEKHYVCRECGRFSQK  
 SNLIRHQRTS

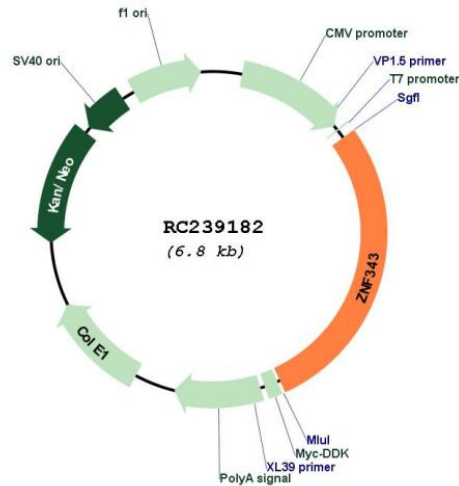
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**


**ACCN:** NM\_001282497

**ORF Size:** 1920 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001282497.2](#)

RefSeq Size:	3767 bp
RefSeq ORF:	1923 bp
Locus ID:	79175
UniProt ID:	<a href="#">Q6P1L6</a>
Cytogenetics:	20p13
Protein Families:	Transcription Factors
MW:	73.9 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]