

Product datasheet for **RC238629**

ZNF343 (NM_001282498) Human Tagged ORF Clone

Product data:

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

>RC238629 representing NM_001282498
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGAGAATTACAGGAATCTTCTCTCATTGGCAGAACCAAAGCCAGAAATCTACACTTGTTCTCTCT
 GCCTTCTGGCCTTCTCCTGTGAGCAGTTCTCAGTCAACATGTACTTCAGATCTTCTGGGCTTATGTGC
 AGAAAATCACTTCCATCCAGGAATTCTAGCCCAGGGCATTGAAAACAGCAGGGGAGCAGTATTCCCAT
 GTAAGCTGTTGGTTTAAAAATGCAGAAGGTGAGGAGAGAGGAGGTGGCTCCAAACCTGGTCTGCAAGGA
 CAGAGGAGAGAGAAACCTCAAGGGCATTCCCAGCCCACTCAAAGACAGTCAAGCAAGTCTAGAAAAGG
 CAACATGGTGGTAGAAAACAGAGCCAGCTCAGCCCAAAGACCAAACCTGTGCAGCTAGACAAAAGGCTT
 AAGGAATTAGAAACCTTGAGATTTGGAGCAATCAACTGTAGAGATGAACCGACCATAACCTGGAAT
 CAAACTTTATTACAAACCGAGGACCCTTTAGGGAAGAAGCCCTACATTTGCAGTGATTGTGGCGAAG
 CTTTAAAGATAGATCAACCTCATCAGACACCATCGTATACACTCGATGGAGAAGCCTTATGTGTGCAGT
 GAGTGGCGGGCAGGTTTTAGCCAGAAGTCCAACCTCAGCAGACACCAGAGAACACATTAGAAAGAGAAGC
 CTTATTTGTGCAGGGAGTGTGGGCAAAGCTTTAGAAGTAAAGTCCATCCTCAATAGACATCAGTGGACTCA
 CTCAGAGGAGAAGCCCTATGTTTGCAGCGAGTGTGGGCGAGGCTTTAGCGAGAAGTCATCCTTATCAGA
 CACCAGAGGACACACTCCGGTGAGAAACCTATGTGTGCCTGGAGTGTGGACGAAGCTTTTGTGATAAGT
 CAACCTCAGAAAACACCAGAGGATACACTCAGGGGAGAAGCCTTATGTTTGCAGGGAGTGTGGCGGAGG
 CTTTAGCCAGAACTCAGATCTCATCAACACCAGAGGACACACTTGGATGAGAAGCCTTATGTTTGCAGG
 GAGTGTGGGCGAGGCTTTTGTGACAAGTCAACCTCATCATACAGAGCGGACGCACCTGGAGAGAAGC
 CTTATGTGTGGTGGTGTGGCGAGGCTTTAGTCCGAAATCACTCCTTGTCCACCAGAGGACACA
 CTCAGGGGAGAAGCATTATGTCTGCAGGGAGTGTAGGCGAGGTTTTAGCCAGAAGTCAAATCTCATCAGA
 CACCAGAGGACGCACTCAATGAGAAGCCTTATTTTGCAGGGAATGTGGCGAGGCTTTTGTGACAAGT
 CAACCTCATTGTACATGAGAGGACACACTCAGGAGAGAAGCCTTACGTGTGCAGTGTGGCGGAGG
 CTTTAGCCGAAATCACTCCTTGTCCACCAGAGGACACACTCAGGGGAGAAGCATTATGTTTGTAGG
 GAGTGTGGGCGAGGCTTTAGTCATAAGTCAAATCTCATCAGACACCAGAGGACACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238629 representing NM_001282498
 Red=Cloning site Green=Tags(s)

MLENYRNL LSLAEPKPEIYTCSSCLLAFSCQQFLSQHVLQIFLGLCAENHFHPGNSSPGHWKQQGQYSH
 VSCWFENAEGQERGGGSKPWSARTEERETSRAFPSPLQRQSASPRKGNMNVVETEPSSAQRPNPVQLDKGL
 KELETLRFGA INCREYEPDHNLESNFITNPRTLLGKKPYICSDCGRSFKDRSTLIRHHRISHMEKPYVCS
 ECGRGFSQKSNLSRHRTHSEEKPYLCRECGQSFRRKSKILNRHQWTHSEEKPYVCECGRGFSEKSSFIR
 HQRTHSGEKPYVCECGRSFCDKSTLRKHQRIHSGEKPYVCECGRGFSQNSDLIKHQRTHLDEKPYVCR
 ECGRGFCDKSTLIIHERTHSGEKPYVCECGRGFSRKSLLL VHQRTHSGEKHYVCRECRGF S QKSNLIR
 HQRTHSNEKPYICRECGRFCDKSTLIVHERTHSGEKPYVCECGRGFSRKSLLL VHQRTHSGEKHYVCR
 ECGRGFSHKSNIIRHQRTH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

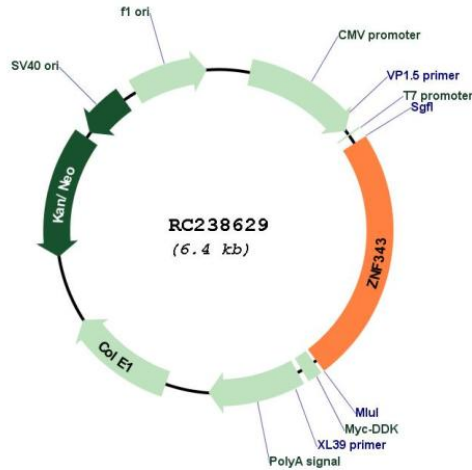
Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:


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).

Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_001282498.1</u> , <u>NP_001269427.1</u>
RefSeq Size:	3318 bp
RefSeq ORF:	1530 bp
Locus ID:	79175
UniProt ID:	<u>Q6P1L6</u>
Cytogenetics:	20p13
Protein Families:	Transcription Factors
MW:	59.3 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]