

Product datasheet for **RC239110**

ZNF595 (NM_001286052) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF595 (NM_001286052) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF595
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC239110 representing NM_001286052
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACGTAACATTCAGGGATGTGGCCATAGAATTCTCCCCTGAAGAGTGGAATGTCTGGACCCTG
 CCCAGCAGAATTTGTATAGAGATGTGATGTTGGAGAACTACAGGAACCTGGTCTCCCTGGCTATATGTTT
 TCCTTTACGCCAAGACCTTTACCAAGTGCAGGGGATAGAAGATTCATTCCACAACTTATACTGAAAAGA
 TACGAGAAATGTGGACATGAGAATTTACAATTAAGAAAAGGCTGTAAACGTGTGAATGAGTGAAGGTGC
 AGAAAGGAGTTAATAATGGAGTTTACCAGTGCTTGTCACTACCCAGAGCAAAATATTTCAATGTAATAC
 ATGTGTTAAAGTTTTAGTAAATTTCAAATTCAAACAAACATAAGATAAGACATACTGGAGAGAAACCC
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 CTGAACGAACATAAGAAAATTCATACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAGCCTTTA
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 GAGAGAAATCCTACAAATGTGAAGAATGTGGCAAAGCCTTTAATCGGCCCTCAACCTTACTGTACACAA
 GCGAATTCATACTGGCAAGGAACATAGT

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Protein Sequence:

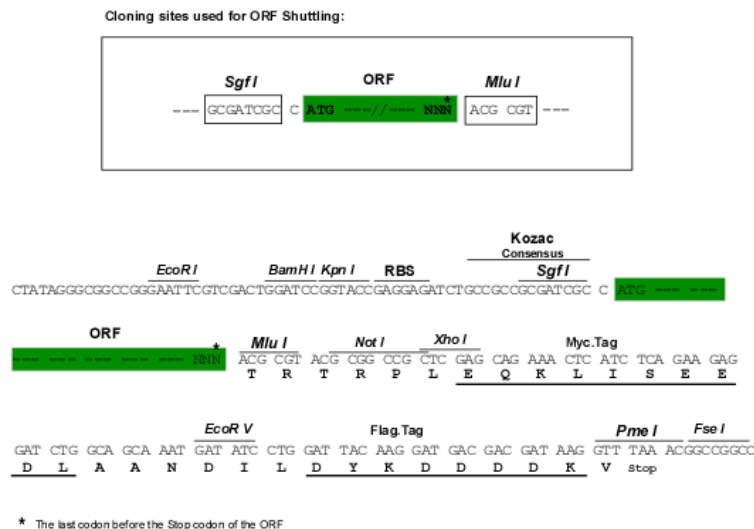
>RC239110 representing NM_001286052
 Red=Cloning site Green=Tags(s)

MELVTFRDVAIEFSPEEWKCLDPAQQNL YRDVMLENYRNLVSLAICSPFSQDLSPVQGIEDSFHKLILKR
 YEKCGHENLQLRKGCKRVNECKVQKGVNNGVYQCLSTTQSKIFQCNTCVKVF SKFSNSNKHKIRHTGEKP
 FKCTECGRSFYMSHLTQHTGIHAGEKPYKCEKCGKAFNRSTLSLKHKRIHTGEKPYTCEECGKAFRRSTV
 LNEHKKIHTGEKPYKCEECGKAFTRSTTLNEHKKIHTGEKPYKCEKCGKAFRWSTSLNEHKKIHTGEKPY
 KCEKCGKAFRQSRSLNEHKKIHTGEKPYTCEKCGKAFNQSSSLIHRSIHSEQLYKCEECGKAFWSSS
 LNKHKRIHTGEKPYTCEECGKAFYRSSLAKHKRIHTGEKPYTCEECGKAFNQSSSLILHKRIHSGQKPY
 KCEECGKAFTRSTTLNEHKKIHTGEKPYKCEECGKAFIWSASLNEHKKIHTGEKPYKCEKCGKAFNQSSG
 LIHRSIHSEQLYKCEECGKAFTRSTALNEHKKIHTGEKPYKCEKCGKAYNLSSTLTAKHKRIHTGEKPF
 TCEECGKAFNWSSSLTKHKIHTGEKSYKCEECGKAFNRSTLTVHKRIHTGKEHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001286052

ORF Size: 1848 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001286052.1](#), [NP_001272981.1](#)

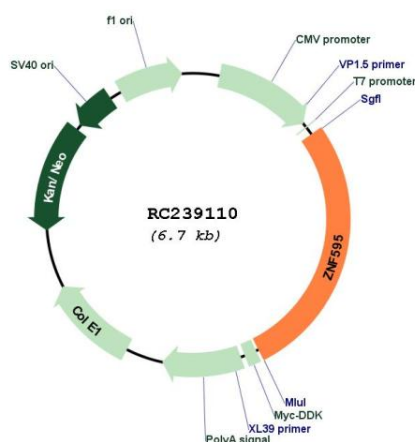
RefSeq Size: 2815 bp

RefSeq ORF: 1851 bp

Locus ID: 152687

UniProt ID:	<u>Q8IYB9</u>
Cytogenetics:	4p16.3
Protein Families:	Transcription Factors
MW:	71.3 kDa
Gene Summary:	This gene encodes a protein belonging to the Cys2His2 zinc finger protein family, whose members function as transcription factors that can regulate a broad variety of developmental and cellular processes. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Oct 2013]

Product images:



Circular map for RC239110