

Product datasheet for **RC206348**

ZNF595 (NM_182524) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF595 (NM_182524) 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:**

>RC206348 representing NM_182524
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAC**T**CGTAACATTCAGGGATGTGGCCATAGAA**T**TCTCC**C**TGAAGAGTGGAAATGTCTGGAC**C**CTG
 CCCAGCAGAA**T**TGTATAGAGATGTGATGTTGGAGAACTACAGGAAC**T**TGGTCTCC**T**TGGT**T**TGTGAT
 CTCTAACCAGAC**C**TGGTCA**C**CTGTCTGGAGCAAATAAAAGAGCC**T**TGCAATTTGAAGATACATGAGACA
 GCAGCCAAACCC**C**AGCTATATGTTCTC**T**TTCAGCCAAGAC**T**TTCAC**C**AGTGCAGGGATAGAA**G**ATT
 CATTCCAA**A**ACTTATACTGAAAAGATACGAGAAATGTGGACATGAGAA**T**TACAATTAAGAAAAG**G**CTG
 TAAACGTGTGAATGAGTGAAGGTGCAGAAAGGAGT**T**AAATGGAGT**T**TACCAGTGT**T**GTCAACTACC
 CAGAGCAAATATTTCAATGTAATACATGTGTTAAAGT**T**TTAGTAAATTTCAAAT**T**CAAACAACATA
 AGATAAGACATACTGGAGAGAAAC**C**TTAAATGTACAGAA**T**TGGCAGATCGT**T**TACATGTCA**C**ACT
 AACTCAACATACAGGAATTCATGCTGGAGAGAAAC**C**TACAAATGTGAAAATGTGGCAAAG**C**TTTAA**T**
 AGGTCCACATCACTTAGTAAACATAAGAGAATTCATACTGGAGAGAAAC**C**TACACATGTGAAGAA**T**GTG
 GCAAAGC**T**TTAGACGGTCCACAGT**T**TGAACGAACATAAGAAAATTCATACTGGAGAGAAAC**C**TACAA
 ATGTGAAGAA**T**GTGGCAAAGC**T**TTACAAGTCCACAACACTGAATGAACACAAGAAAATTCATACTGGAG
 GAGAAAC**C**TACAAATGTAAAGAATGTGGCAAAGC**T**TTAGATGGTCCACAAGC**T**TGAATGAACATAAGA
 ATATTCATACTGGAGAGAAAC**C**TACAAATGTAAAGAATGTGGCAAAGC**T**TTAGACAGTCCAGGAGC**T**
 GAATGAACATAAAAATATTCATACTGGCGAAAAC**C**TACACATGTGAAAATGTGGCAAAGC**T**TTAAC
 CAATCCTCAAGTCTTATTATACACAGGAGCATT**C**ATTCTGAACAAA**A**CTTTACAATGTGAAGAATGTG
 GCAAAGC**T**TTACTTGGTCC**T**CATCC**T**TAAATAAACATAAGAGAATTCATACTGGAGAGAAAC**C**TACAC
 ATGTGAAGAA**T**GTGGCAAAGC**T**TTTATAGGTCCTCACAC**T**TGCTAAACATAAGAGAATTCATACTGGA
 GAGAAAC**C**TACACGTGCGAAGAATGTGGCAAAGC**T**TTAACCAATCCTCAACTCTTATATTACACAAGA
 GAATCCATTCTGGGCAAAAAC**T**TACAAATGTGAAGAATGTGGCAAAGC**T**TTACACGGTCCACAACACT
 GAACGAACATAAGAAAATTCATACTGGCGAGAAAC**C**TACAAATGTGAAGAATGTGGCAAAGC**T**TTATA
 TGGTCCGCAAGC**T**TGAATGAACATAAGAATATTCATACTGGAGAGAAAC**C**TACAAATGTAAAGAATGTG
 GCAAAGC**T**TTAACCAATCCTCAGG**C**TTATTATACACAGGAGCATT**C**ATTCTGAACAAA**A**CTTTACAA
 ATGTGAAGAATGTGGCAAAGC**T**TTACTCGGTCCACAGC**C**TGAATGAACATAAGAAAATTCATTCTGGA
 GAGAAAC**C**TACAAATGCAAAGAATGTGGCAAAGC**T**TAACTTATCCTCAAC**C**TTACTAAACATAAGA
 GAATTCATACTGGAGAGAAAC**C**TTACATGTGAAGAATGTGGCAAAGC**T**TCAATTTGGTCTCATCC**T**
 TACTAAACATAAGATAATTCATACTGGAGAGAAATCCTACAAATGTGAAGAATGTGGCAAAGC**T**TTAA**T**
 CGGCCCTCAAC**C**TTACTGTACACAAGCGAATTCATACTGGCAAAGGAACATAG**T**

ACGCGTACGCGGCCGCTCGAGCAGAA**ACT**CATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC206348 representing NM_182524
Red=Cloning site Green=Tags(s)

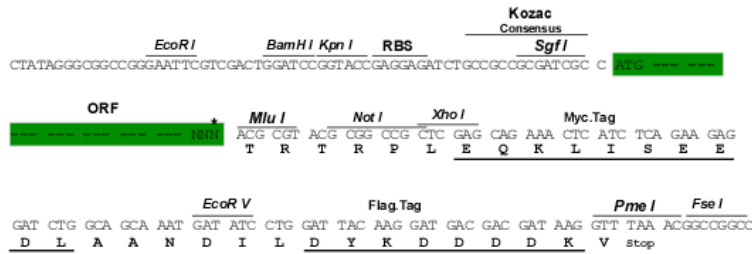
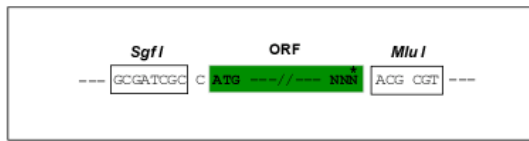
MELVTRFRDVAIEFSPEEWKCLDPAQQNL YRDVMLENYRNLVSLGFVISNPDLVTCLEQIKEPCNLKIHT
 AAKPPAICSPFSQDLSPVQGIEDSFHKLILKRYEKCGHENLQLRKGCKRVNECKVQKGVNNGVYQCLSTT
 QSKIFQCNTCVKVFVSKFSNSNKHKIRHTGEKPFKCTECGRSFYMSHLTQHTGIHAGEKPYKCEKCGKAFN
 RSTLSLKHKRIHTGEKPYTCEECEGKAFRRSTVLNEHKKIHTGEKPYKCEECEGKAFTRSTTLNEHKKIHTG
 EKPYKCEECEGKAFRWSTSLNEHKNIHTGEKPYKCEECEGKAFRQSRSLNEHKNIHTGEKPYTCEECEGKAFN
 QSSSLIIHRSIHSEQKLYKCEECEGKAFTWSSSLNKHKRIHTGEKPYTCEECEGKAFYRSSHLAKHKRIHTG
 EKPYTCEECEGKAFNQSSTLILHKRIHSGQKPYKCEECEGKAFTTRSTTLNEHKKIHTGEKPYKCEECEGKAFI
 WSASLNEHKNIHTGEKPYKCEECEGKAFNQSSGLIIHRSIHSEQKLYKCEECEGKAFTTRSTALNEHKKIHTG
 EKPYKCEECEGKAYNLSSTLTKHKRIHTGEKPFTECEGKAFNWSSSLTKHKIHTGEKSYKCEECEGKAFN
 RPSTLTVHKRIHTGKEHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:
Cloning Scheme:

SgfI-MluI

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_182524
ORF Size: 1944 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_182524.4](#)

RefSeq Size: 2911 bp

RefSeq ORF: 1947 bp

Locus ID: 152687

UniProt ID: [Q8IYB9](#)

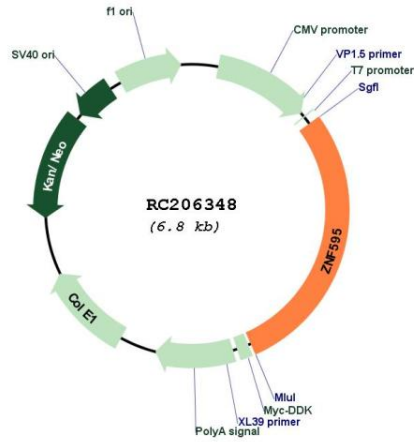
Cytogenetics: 4p16.3

Protein Families: Transcription Factors

MW: 74.8 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 RC206348