

Product datasheet for **RC238392**

ZNF595 (NM_001286054) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF595 (NM_001286054) 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:

>RC238392 representing NM_001286054
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCACACCTAACTCAACATACAGGAATTCATGCTGGAGAGAAACCCTACAAATGTGAAAAATGTGGCA
 AAGCCTTTAATAGGTCCACATCACTTAGTAAACATAAGAGAATTCATACTGGAGAGAAACCCTACACATG
 TGAAGAATGTGGCAAGCCTTTAGACGGTCCACAGTTCTGAACGAACATAAGAAAATTCATACTGGAGAG
 AAACCCTACAAATGTGAAGAATGTGGCAAGCCTTTACAAGGTCCACAACACTGAATGAACACAAGAAAA
 TTCATACTGGAGAGAAACCCTACAAATGTAAAGAATGTGGCAAGCCTTTAGATGGTCCACAAGCCTGAA
 TGAACATAAGAATATTCATACTGGAGAGAAACCCTACAAATGTAAAGAATGTGGCAAGCCTTTAGACAG
 TCCAGGAGCCTGAATGAACATAAAAAATTCATACTGGCGAAAAACCCTACACATGTGAAAAATGTGGCA
 AAGCTTTTAACCAATCCTCAAGTCTTATTATACACAGGAGCATTATTCTGAACAAAACTTTACAAATG
 TGAAGAATGTGGCAAGCCTTTACTTGGTCTCATCCCTTAATAAACATAAGAGAATTCATACTGGAGAG
 AAACCCTACACATGTGAAGAATGTGGCAAGCCTTTTATAGGTCCCTCACACCTTGCTAAACATAAGAGAA
 TTCATACTGGAGAGAAACCCTACACGTGCGAAGAATGTGGCAAGCCTTTTAACCAATCCTCAACTCTTAT
 ATTACACAAGAGAATCCATTCTGGGCAAAAACCTTACAAATGTGAAGAATGTGGCAAGCCTTTACACGG
 TCCACAACACTGAACGAACATAAGAAAAATTCATACTGGCGAGAAACCCTACAAATGTGAAGAATGTGGCA
 AAGCTTTCATATGGTCCGAAGCCTGAATGAACATAAGAATATTCATACTGGAGAGAAACCCTACAAATG
 TAAAGAATGTGGCAAGCCTTTTAACCAATCCTCAGGCCTTATTATACACAGGAGCATTATTCTGAACAA
 AAACCTTTACAAATGTGAAGAATGTGGCAAGCCTTTACTCGGTCCACAGCCCTGAATGAACATAAGAAAA
 TTCATTCTGGAGAGAAACCCTACAAATGCAAGAATGTGGCAAGCCTTAACTTATCCTCAACCCTTAC
 TAAACATAAGAGAATTCATACTGGAGAGAAACCCTTCACATGTGAAGAATGTGGCAAGCCTTCAATTGG
 TCCTCATCCCTTACTAAACATAAGATAATTCATACTGGAGAGAAATCCTACAAATGTGAAGAATGTGGCA
 AAGCTTTTAATCGGCCCTCAACCCTTACTGTACACAAGCGAATTCATACTGGCAAGGAACATAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238392 representing NM_001286054
 Red=Cloning site Green=Tags(s)

MSHLTQHTGIHAGEKPYKCEKCGKAFNRSTLSKHKRIHTGEKPYTCEEKGAFRRSTVLNEHKKIHTGE
 KPYKCEEKGAFTRSTTLNEHKKIHTGEKPYKCEKCGKAFRWSTSLNEHKNIHTGEKPYKCEKCGKAFRQ
 SRSLNEHKNIHTGEKPYTCEKCGKAFNQSSSLIHRSIHSEQLYKCEEKGAFWSSSLNKHKRIHTGE
 KPYTCEEKGAFYRSSLAKHKRIHTGEKPYTCEEKGAFNQSSSLILHKRIHSGQKPYKCEEKGAFTR
 STTLNEHKKIHTGEKPYKCEEKGAFIWSASLNEHKNIHTGEKPYKCEKCGKAFNQSSSLIHRSIHSEQ
 KLYKCEEKGAFTRSTALNEHKKIHSGEKPYKCEKCGKAYNLSSTLTCHKRIHTGEKPFTEEKGAFNW
 SSSLTKHKIHTGEKSYKCEEKGAFNRPSTLTVHKRIHTGKEHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001286054

ORF Size: 1395 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_001286054.1](#), [NP_001272983.1](#)

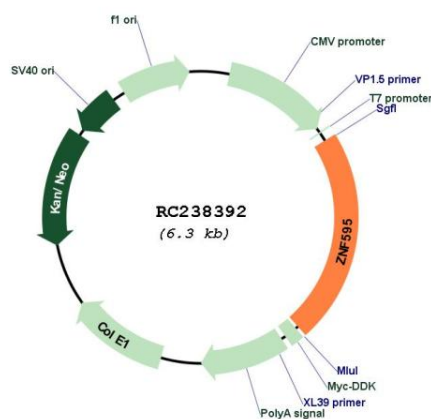
RefSeq Size: 3012 bp

RefSeq ORF: 1398 bp

Locus ID: 152687

UniProt ID:	<u>Q8IYB9</u>
Cytogenetics:	4p16.3
Protein Families:	Transcription Factors
MW:	53.8 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 RC238392