

Product datasheet for **RC234513**

ZNF195 (NM_001256824) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF195 (NM_001256824) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF195
Synonyms:	HRF1; ZNFP104
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC234513 representing NM_001256824
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGTGCTCAGACTCTGTTGACGTTCAAGGATGTGGCCATAGAATTCCTCCCTGGAGGAGTGAAAT
 GCCTGGACCTCGCTCAGCAGAATTTGTACAGGGATGTGATGTTGGAGAACACAGAACTTGTCTCCGT
 TGGTCTCACTGTCTGTAAGCCAGGCCTGATCACCTGCCTGGAGCAACGAAAAGAGCCCTGGAATGTGAAG
 AGACAGGAGGCAGCAGACGGACATCCAGAGATGGGATTTACCATGCTACTCAGGCTTGTCTTGAACCTC
 TGGGCTCAAGCGATCTGCCTGCCTCAGCCTCCCAAAGTGTGGGATTACAGCTATGTCTTCTCATTTTAC
 CCAAGACCTTCTGCCAGAGCAGGCATACAAGATGCATTCGAAAAAGAATACTGAGAGGATATGGAAT
 TGTGGCCTTGATAATTTATTTAAGGAAAGACTGGGAAAGTTTAGATGAGTGAAGTTGAAAAAGATT
 ATATGGACTTAACCAATGTTCACTCACTACCCATAGCAAAATCTTTCAATATAATAAATATGTTAAAT
 CTTTGATAACTTTTCAAATTTACATAGACGTAATAAAGTAATACTGGAGAGAAACCTTTCAAATGTCAA
 GAATGTGGCAAAATCCTTTCAAATGCTCTCATTCTAACTGAACATCAGAAAATTCACACTGGAAAAAAT
 TCCAAAAATGTGGAGAATGTGGCAAAACCTTTATCCAGTGCTCACACTTTACTGAACCTGAGAACATTGA
 CACTGGAGAGAAACCTTACAAGTGTCAAGAATGTAAACACGTCATTAAAACCTTGCTCAGTCTTACTAAA
 AATAGAATTTATGCCGGAGGGGAACATTACAGATGTGAAGAATTTGGCAAAAGATTTAACAGTGTCTCC
 ACCTTACTGAACATGAGCATGGTACTGAGGAAAAACCTGCAAAATGAAGAGTGCAGCAGTGTCTTTAT
 CTCTTGTCAAGCCTTTCTAATCAACAGATGATCTTGTCTGGAGAGAAGCTCTCCAAATGTGAAACATGG
 TACAAAGGTTTTAACCACAGCCAAATCCTTCCAAACACCAGAGAAATGAGATTGGAGGGAAACCTTTCA
 AATGTGAGGAATGTGACAGCATCTCAAGTGTTCTCAGACCTTACTAAACATAAGAGAATTCACACTGG
 TGAGAAAACCATACAAATGTGACGAATGTGGGAAAGCCTATACACAGTCTCACACCTCAGTGAACACAGG
 AGGATTCACCCGAGAGAAACCCTACCAATGTGAAGAATGTGGGAAAGTCTTCAGAACTTGCTCAAGCC
 TTTCTAACATAAGAGAACTCATTCTGAAGAAAAACCTACACGTGTGAAGAATGTGGCAACATCTTTAA
 GCAGTTATCAGACCTCACTAAGCATAAGAAAAACCCATACTGGAGAGAAGCCCTACAAATGTGACGAATGT
 GGAAAAAATTTACCCAGTCTCCAACCTTATTGTACATAAGAGAATTCATACTGGAGAGAAACCTTACA
 AGTGTGAAGAATGTGGCAGAGTCTTCATGTGGTCTCAGACATTACCAACATAAGAAAAACCCATACTGG
 AGAGAAACCTACAAATGTGACGAATGTGGAAAAAATTTACCCAGTCTCAAACCTTATTGTACATAAG
 AGAATTCATACTGGAGAGAAACCCTACAAGTGTGAAAAGTGTGGCAAAGCCTTACCCAGTCTCACACC
 TGACTGTACATGAAAGCATTACTACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234513 representing NM_001256824
 Red=Cloning site Green=Tags(s)

MAGAQTLTFRDVAIEFSLEEWKCLDLAQQNLYRDMLENYRNLFVSVGLTVCKPGLITCLEQRKEPWNVK
 RQEAADGHPMGFHHATQACLELLGSSDLPASASQSAGITAMSSHFTQDLLPEQGIQDAFPKIRLRGYGN
 CGLDNL YLRKDWESLDECKLQKDYNGLNQCSSTHSHKIFQYNKYVKIFDNFNLHRRNISNTGEKPFKQ
 ECGKSFQMLSFLTEHQIHTGKKFQKCGECGKTFIQCSHFTEPENIDTGEKPYKQCECNVVIKTCVLT
 NR IYAGGEHYRCEEF GKVFNQCSHLEHEHGTEEKPKYEECSSVFISSSSLNQQMILAGEKLSKCETW
 YKGFNHPNPSKHQRNEIGGKPFKCEECDSIFKWFSDLTKHKRIHTGEKPYKCECGKAYTQSSHLSEHR
 RIHTGEKPYQCEECGVFRTCSSLSNHKRTHSEKPYTCEECGNIFKQLSDLTKHKKTHHTGEKPYKDEC
 GKNFTQSSNLIVHKRIHTGEKPYKCEECGRVFMWFS DITKHKKTHHTGEKPYKCECGKNFTQSSNLIVHK
 RIHTGEKPYKCEKCGAFTQFSLTIVHESIHT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_001256824

ORF Size: 1776 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_001256824.2](#)

RefSeq Size: 3239 bp

RefSeq ORF: 1779 bp

Locus ID: 7748

UniProt ID: [O14628](#)

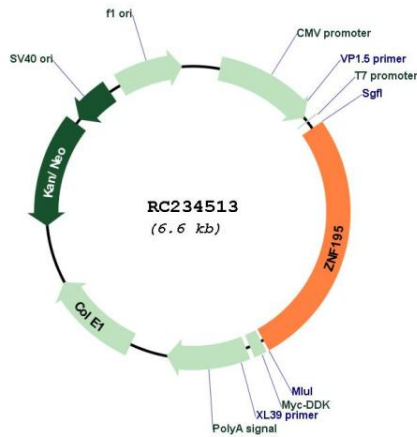
Cytogenetics: 11p15.4

Protein Families: Transcription Factors

MW: 68.5 kDa

Gene Summary: This gene encodes a protein belonging to the Krueppel C2H2-type zinc-finger protein family. These family members are transcription factors that are implicated in a variety of cellular processes. This gene is located near the centromeric border of chromosome 11p15.5, next to an imprinted domain that is associated with maternal-specific loss of heterozygosity in Wilms' tumors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]

Product images:



Circular map for RC234513