

Product datasheet for **RC221530**

ZNF195 (NM_007152) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF195 (NM_007152) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF195
Synonyms:	HRF1; ZNFP104
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC221530 representing NM_007152
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTCTGTTGACGTTACAGGGATGTGGCCATAGAATTCTCCCTGGAGGAGTGGAATGCCTGGACCTCG
 CTCAGCAGAATTTGTACAGGGATGTGATGTTGGAGAACTACAGAACTTGTCTCCGTTGGTCTCACTGT
 CTGTAAGCCAGGCTGATCACCTGCCTGGAGCAACGAAAAGAGCCCTGGAATGTGAAGAGACAGGAGGCA
 GCAGACGGACATCCAGCTATGTCTTCTCATTTTACCCAAGACCTTCTGCCAGAGCAGGGCATAACAAGATG
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 TTGCTGGAGAGAAGCTCTCCAAATGTGAAACATGGTACAAAGGTTTTAACACAGCCCAAATCCTTCCAA
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 TCAGACATTACCAAACATAAGAAAACCCATACTGGAGAGAAACCTACAATGTGACGAATGTGGAAAA
 ACTTTACCAGTCTCAAACCTTATTGTACATAAGAGAATTCATACTGGAGAGAAACCTACAAGTGTGA
 AAAGTGTGGCAAAGCCTTACCCAGTTCTCACACCTGACTGTACATGAAAGCATTCACTACT

**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA**

Protein Sequence:

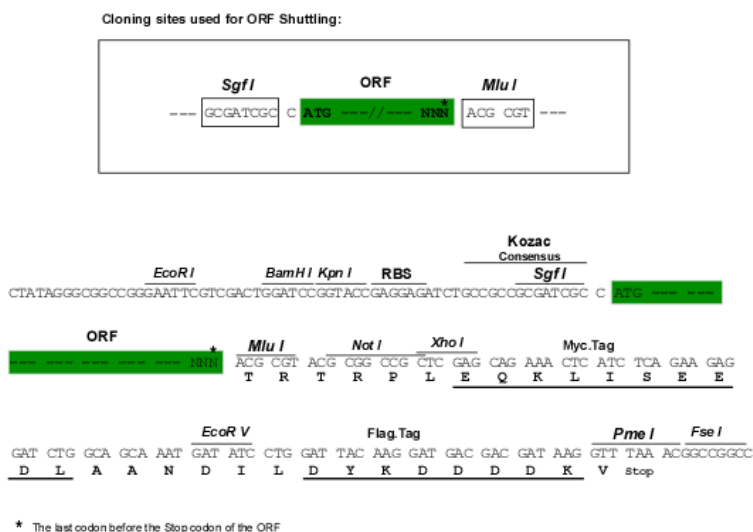
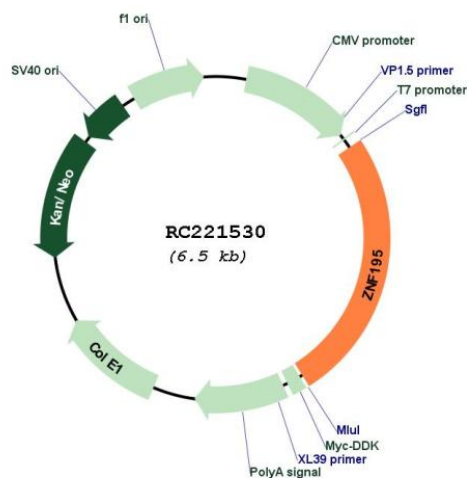
>RC221530 representing NM_007152
 Red=Cloning site Green=Tags(s)

MTLLTFRDVAIEFSLSEWKCLDLAQQLYRDVMLENYRNLFSVGLTVCKPGLITCLEQRKEPWNVQRQEA
 ADGHPAMSSHFTQDLLPEQGIQDAFPKRILRGYGNCLDNLYLKRDWESLDECKLQKDYNGLNQCSSTTH
 SKIFQYNKYVKIFDNFNLHRRNISNTGEKPKCQECGKSFQMLSFLTEHQKIHTGKFKCGECGKTFI
 QCSHFTEPENIDTGEKPYKCQECNNVIKTCVLTKNRIYAGGEHYRCEEFGKVFNQCSHLTEHEHGTEEK
 PCKYEECSSVFISSSLSNQQMILAGEKLSKCEWYKGFNHPNPKHQQRNEIGGKPKCEECDSIFKWF
 SDLTKHKRIHTGEKPYKCDECGKAYTQSSHLSEHRRHTGEKPYQCEECGKVFRTCSSLSNHKRTHSEEK
 PYTCEECGNIKFQLSDLTKHKKHTHTGEKPYKCDECGKNFTQSSNLIVHKRIHTGEKPYKCEECGRVFMWF
 SDITKHKHTHTGEKPYKCDECGKNFTQSSNLIVHKRIHTGEKPYKCEKCGKAFQFVSHLTVHESIHT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN:	NM_007152
ORF Size:	1671 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:	NM_007152.5
RefSeq Size:	3066 bp
RefSeq ORF:	1674 bp
Locus ID:	7748
UniProt ID:	O14628
Cytogenetics:	11p15.4
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
MW:	64.7 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]