

Product datasheet for **RG221530**

ZNF195 (NM_007152) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF195 (NM_007152) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF195
Synonyms:	HRF1; ZNFP104
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG221530 representing NM_007152
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTCTGTTGACGTTACAGGGATGTGGCCATAGAATTCTCCCTGGAGGAGTGAAATGCCTGGACCTCG
 CTCAGCAGAATTTGTACAGGGATGTGATGTTGGAGAACTACAGAACTTGTCTCCGTTGGTCTCACTGT
 CTGTAAGCCAGGCCTGATCACCTGCCTGGAGCAACGAAAAGAGCCCTGGAATGTGAAGAGACAGGAGGCA
 GCAGACGGACATCCAGCTATGTCTTCTCATTTTACCCAAGACCTTCTGCCAGAGCAGGGCATAACAAGATG
 CATTCCAAAAAGAATACTGAGAGGATATGGAAATTTGGCCCTTGATAATTTATATTTAAGGAAAGACTG
 GGAAAGTTTAGATGAGTGAAGTTGCAAAAAGATTATAATGGACTTAACCAATGTTTCATCAACTACCCAT
 AGCAAAATCTTTCAATATAATAAATATGTTAAATCTTTGATAACTTTTCAAATTTACATAGACGTAATA
 TAAGTAATACTGGAGAGAAAACCTTTCAAATGTCAAGAATGTGGCAATCCTTTCAAATGCTCTCATTCT
 AACTGAACATCAGAAAATTCACACTGGAAAAAATTCAAAAATGTGGAGAAATGTGGCAAAACCTTTATC
 CAGTGTCTCACACTTTACTGAACCTGAGAACATTGACACTGGAGAGAAAACCTTACAAGTGTCAAGAATGTA
 ACAACGTCATTAACCTGCTCAGTCCTTACTAAAAATAGAATTTATGCCGGAGGGGAACATTACAGATG
 TGAAGAATTTGGCAAAGTATTTAACAGTGTCTCCACCTTACTGAACATGAGCATGGTACTGAGGAAAA
 CCCTGCAAATATGAAGAGTGCAGCAGTGTCTTTATCTCTTGTCAAGCCTTTCTAATCAACAGATGATTC
 TTGCTGGAGAGAAGCTCTCCAAATGTGAAACATGGTACAAAGGTTTTAACACAGCCCAAATCCTTCCAA
 ACACCAGAGAAATGAGATTGGAGGGAAACCTTTCAAATGTGAGGAATGTGACAGCATCTTCAAGTGGTTC
 TCAGACCTTACTAAACATAAGAGAATTCACACTGGTGGAGAAACCATACAAATGTGACGAATGTGGGAAAG
 CCTATACACAGTCTCACACCTCAGTGAACACAGGAGGATTACACCCGGAGAGAAAACCTACCAATGTGA
 AGAATGTGGGAAGGTCTTCAGAACTTGCTCAAGCCTTTCTAACCATAGAGAACTCATTCTGAAGAAAA
 CCCTACACGTGTGAAGAATGTGGCAACATCTTTAAGCAGTTATCAGACCTCACTAAGCATAGAAAACCC
 ATACTGGAGAGAAGCCCTACAAATGTGACGAATGTGGAAAAAAGTTTACCAGTCTCCAACCTTATTGT
 ACATAAGAGAATTCATACTGGAGAGAAACCTACAAAGTGTGAAGAATGTGGCAGAGTCTTCATGTGGTTC
 TCAGACATTACCAAACATAAGAAAACCCATACTGGAGAGAAACCTACAAATGTGACGAATGTGGAAAA
 ACTTTACCAGTCTCAAACCTTATTGTACATAAGAGAATTCATACTGGAGAGAAACCTACAAGTGTGA
 AAAGTGTGGCAAAGCCTTACCCAGTTCTCACACCTGACTGTACATGAAAGCATTCACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG221530 representing NM_007152
 Red=Cloning site Green=Tags(s)

MTLLTFRDVAIEFSLEEWKCLDLAQQLYRDVMLENYRNLFSVGLTVCKPGLITCLEQRKEPWNVQRQEA
 ADGHPAMSSHFTQDLLPEQGIQDAFPKIRILRGYGNCLDNLYLKRDWESLDECKLQKDYNGLNQCSTTH
 SKIFQYNKYVKIFDNFNLHRRNISNTGEKPFKQCEGKSFQMLSFLTEHQKIHTGKKFQKCGECKTFI
 QCSHFTEPENIDTGEKPYKQCECNVIKTCSVLTKNRIYAGGEHYRCEEFKVFNQCSHLTEHEHGTTEK
 PCKYEECSSVFISSSLSNQQMILAGEKLSKCTWYKGFNHSPNPSKHQRNEIGGKPFKCEECDSIFKWF
 SDLTKHKRIHTGEKPYKDECGKAYTQSSHLSEHRIHTGEKPYQCECGKVFRTCSSLSNHKRTHSEK
 PYTCECGNIFKQLSDLTKHKKHTHTGEKPYKDECGKNFTQSSNLIVHKRIHTGEKPYKCEECGRVFMWF
 SDITKHKHTHTGEKPYKDECGKNFTQSSNLIVHKRIHTGEKPYKCEKCKAFTQFVSHLTVHESIHT

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


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:**
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](#)

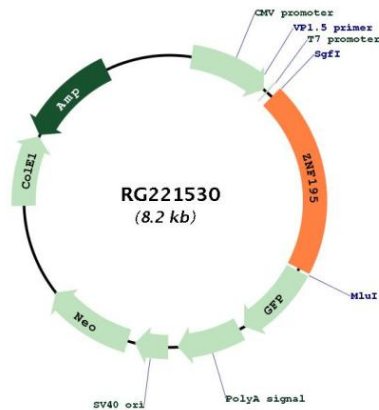
Cytogenetics: 11p15.4

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

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 RG221530