

Product datasheet for **RG234494**

ZNF195 (NM_001242842) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF195 (NM_001242842) 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:

>RG234494 representing NM_001242842
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGGTGCTCAGACTCTGTTGACGTTCAAGGATGTGGCCATAGAATTCTCCCTGGAGGAGTGAAAT
 GCCTGGACCTCGCTCAGCAGAATTTGTACAGGGATGTGATGTTGGAGAACACAGAACTTGTCTCCGT
 TGGTCTACTGTCTGTAAGCCAGGCCTGATCACCTGCCTGGAGCAACGAAAAGAGCCCTGGAATGTGAAG
 AGACAGGAGGCAGCAGACGGACATCCAGCACTGTGCTCACCTGGGGTGTGCAAACCTGTGAAATGGTTTT
 TAGAGTTCAGATGCATCTTCTCACTAGCTATGTCTTCTCATTTCACCAAGACCTTCTGCCAGAGCAGGG
 CATACAAGATGCATTCACAAAAGAATACTGAGAGGATATGAAATTTGGCCTTGATAATTTATATTTA
 AGGAAAGACTGGAAAGTTAGATGAGTGAAGTTGCAAAAAGATTATAATGGACTTAACCAATGTTTAT
 CAACTACCCATAGCAAAATCTTCAATATAATAAATATGTTAAATCTTTGATAACTTTTCAAATTTACA
 TAGACGTAATATAAGTAATACTGGAGAGAAACCTTCAAATGTCAAGAATGTGGCAAATCCTTTCAAATG
 CTCTATTCTAACTGAACATCAGAAAATTCACACTGGAAAAAATTCAAAAATGTGGAGAATGTGGCA
 AAACCTTTATCCAGTGCTCACACTTTACTGAACCTGAGAACATTGACACTGGAGAGAAAACCTTACAAGT
 TCAAGAATGTAACAACGTCATTAACCTTGTCTCAGTCCTTACTAAAAATAGAATTTATGCCGGAGGGGAA
 CATTACAGATGTGAAGAAATTTGGCAAAGTATTTAACAGTGCTCCACCTTACTGAACATGAGCATGGTA
 CTGAGGAAAAACCTGCAAAATGAAGAGTGCAGCAGTGTCTTTATCTCTTGTCAAGCCTTTCTAATCA
 ACAGATGATTCTGTGGAGAGAAGCTCTCAAATGTGAAACATGGTACAAAGGTTTTAACACAGCCCA
 AATCCTTCAAACACCAGAGAAATGAGATTGGAGGAAACCTTCAAATGTGAGGAATGTGACAGCATCT
 TCAAGTGGTCTCAGACCTTACTAAACATAAGAGAATTCACACTGGTGAGAAACCATACAAATGTGACGA
 ATGTGGGAAAGCCTATACACAGTCTCACACTCAGTGAACACAGGAGGATTCACACCGGAGAGAAACCC
 TACCAATGTGAAGAATGTGGGAAGTCTTCAGAACTTGCTCAAGCCTTTTCAACCATAAGAGAATCATT
 CTGAAGAAAAACCTACACGTGTGAAGAATGTGGCAACATCTTTAAGCAGTTATCAGACCTCACTAAGCA
 TAAGAAAACCCATACTGGAGAGAAGCCCTACAAATGTGACGAATGTGAAAAAACTTTACCCAGTCTCC
 AACCTTATTGTACATAAGAGAATTCATACTGGAGAGAAACCTACAAGTGTGAAGAATGTGGCAGAGTCT
 TCATGTGGTCTCAGACATTACCAACATAAGAAAACCCATACTGGAGAGAAACCTACAATGTGACGA
 ATGTGAAAAAACTTTACCCAGTCTCAAACCTTATTGTACATAAGAGAATTCATACTGGAGAGAAACCC
 TACAAGTGTGAAAAGTGTGGCAAAGCCTTACCCAGTCTCACACCTGACTGTACATGAAAGCATTCATA
 CT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234494 representing NM_001242842
 Red=Cloning site Green=Tags(s)

MAGAQTLLTFRDVAIEFSLEEWKCLDLAQQNLYRDVMLENYRNLFVSVGLTVCKPGLITCLEQRKEPWNVK
 RQEAADGHPALCSPGVLQTVKWFLEFRCIFSLAMSSHFTQDLLPEQGIQDAFPKRILRGYNCGLDNLYL
 RKDWESLDECKLQKDYNGLNQCSSTHSHKIFQYNKYVKIFDNFNLHRRNISNTGEKPFKQCCEGKSFQM
 LSFLTEHQKIHTGKFKQKCGECGKTFIQCSHFTEPENIDTGEKPYKQCECNVVIKTCVLTKNRIYAGGE
 HYRCEEFGKVFVNQCSSLTEHEHGTEEKPKYECCSVFISCSLSNQQMILAGEKLSKCEWTWYKGFNHSP
 NPSKHQRNEIGGKPFKCEECDSIFKWFSDLTKHKRIHTGEKPYKQCECGKAYTQSSHLEHRRITHTGEK
 YQCEECGKVFRTCSSLSNHKRTHSEKPYTCEECGNIFKQLSDLTKHKKTHTGEKPYKQCECGKNFTQSS
 NLIIVHKRIHTGEKPYKCECGRVMWFSDITKHKKTHHTGEKPYKQCECGKNFTQSSNLIIVHKRIHTGEK
 YKCEKCGKAFQFVSHLTVHESIHT

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001242842

ORF Size: 1752 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_001242842.2](#)

RefSeq Size: 3215 bp

RefSeq ORF: 1755 bp

Locus ID: 7748

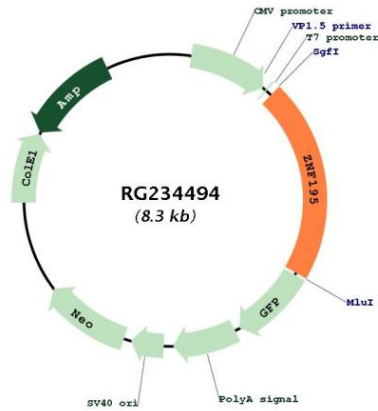
UniProt ID: [O14628](#)

Cytogenetics: 11p15.4

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 RG234494