

Product datasheet for **RG226013**

ZNF195 (NM_001130519) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF195 (NM_001130519) 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:

>RG226013 representing NM_001130519
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTCTGTTGACGTTACAGGGATGTGGCCATAGAATTCTCCCTGGAGGAGTGGAATGCCTGGACCTCG
 CTCAGCAGAATTTGTACAGGGATGTGATGTTGGAGAACTACAGAACTTGTCTCCGTTGGTCTCACTGT
 CTGTAAGCCAGGCCTGATCACCTGCCTGGAGCAACGAAAAGAGCCCTGGAATGTGAAGAGACAGGAGGCA
 GCAGACGGACATCCAGAGATGGGATTTACCATGCTACTCAGGCTTGTCTTGAACCTCTGGGCTCAAGCG
 ATCTGCCTGCCTCAGCCTCCCAAAGTGTGGGATTACAGGTGTGAACCACCGTCCCAGCCAGGCCCTCAA
 TGTCTTCTGGACAAATCACTGCTATGTCTTCTCATTTTACCCAAGACCTTCTGCCAGAGCAGGGCATA
 CAAGATGCATTCCAAAAAGAATACTGAGAGGATATGAAATTTGGCCCTTGATAATTTATATTTAAGGA
 AAGACTGGGAAAGTTTAGATGAGTGAAGTTGAAAAAGATTATAATGGACTTAACCAATGTTCAACAAC
 TACCCATAGCAAAATCTTCAATATAATAAATATGTTAAATCTTTGATAACTTTTCAAATTTACATAGA
 CGTAATATAAGTAATACTGGAGAGAAACCTTTCAAATGTCAAGAATGTGGCAAATCTTTCAAATGTCTCT
 CATTCTAACTGAACATCAGAAAATTCACACTGGAAAAAATTCAAAAATGTGGAGAATGTGGAAAAAC
 CTTTATCCAGTGCCTCACACTTTACTGAACCTGAGAACATTGACTGAGAGAAACCTTACAAGTGTCAA
 GAATGTAACAACGTCATTAACCTTGTCTCAGTCTTACTAAAAATAGAATTTATGCCGGAGGGGAACATT
 ACAGATGTGAAGAATTTGGCAAAGTATTAACCAAGTGTCCCACCTTACTGAACATGAGCATGGTACTGA
 GGAAAAACCTGCAAATATGAAGAGTGCAGCAGTGTCTTATCTCTTGTCAAGCCTTTCTAATCAACAG
 ATGATCTTGTGGAGAGAAGCTCTCAAATGTGAAACATGGTACAAAGGTTTAAACCACAGCCCAATC
 CTCCAAACACCAGAGAAATGAGATTGGAGGGAAACCTTTCAAATGTGAGGAATGTGACAGCATCTTCAA
 GTGGTTCTCAGACCTTACTAAACATAAGAGAATTCACACTGGTGAGAAACCATACAAATGTGACGAATGT
 GGGAAAGCCTATACACAGTCTCACACCTCAGTGAACACAGGAGGATTACACCCGAGAGAAACCTACC
 AATGTGAAGAATGTGGGAAGTCTTCAAGACTTGTCAAGCCTTTCTAACCATAAGAGAATCATTCTGA
 AGAAAAACCTACACGTGTGAAGAATGTGGCAACATCTTAAGCAGTTATCAGACCTCACTAAGCATAAG
 AAAACCCATACTGGAGAGAAGCCCTACAATGTGACGAATGTGGAAAAAATTTACCCAGTCTCCAACC
 TTATTGTACATAAGAGAATTCATACTGGAGAGAAACCTACAAGTGTGAAGAATGTGGCAGAGTCTTCAT
 GTGTTTCTCAGACATTACCAAACATAAGAAAACCCATACTGGAGAGAAACCTACAATGTGACGAATGT
 GGAAAAAATTTACCCAGTCTCAAACCTTATTGTACATAAGAGAATTCATACTGGAGAGAAACCTACA
 AGTGTGAAAAGTGTGGCAAAGCCTCACCCAGTCTCACACTGACTGTACATGAAAGCATTCACT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG226013 representing NM_001130519
 Red=Cloning site Green=Tags(s)

MTLLTFRDVAIEFSLEEWKCLDLAQQLYRDVMLENYRNLFVGLTVCKPGLITCLEQRKEPWNVQRQEA
 ADGHPMGFHHATQACLELLGSSDLPASASQSAGITGVNHRAQPGLNVSDKFTAMSSHFTQDLLPEQGI
 QDAFPKRILRGYGNCGLDNLYLKRDWESLDECKLQKDYNGLNQCSSTTHSKIFQYNKYVKIFDNFNLHR
 RNISNTGEKPFKQCEGKSFQMLSFLTEHQIHTGKKFQKCGECGKTFIQCSHFTEPENIDTGEKPYKCQ
 ECNNVIKTCVSLTKNRIYAGGEHYRCEEFKGFVNQCSSLTEHEHGTEEKPKYEECSSVVISCSSLSNQQ
 MILAGEKLSKCEWYKGFNHSPNPSKHQRNEIGGKPFKCEECDSIFKWFSDLTKHKRIHTGEKPYKCDEC
 GKAYTQSSHLSEHRIHTGEKPYQCEECGKVFRTCSSLSNHKRTHSEKPYTCEECGNIFKQLSDLTKHK
 KTHHTGEKPYKCDECCKNFTQSSNLI VHKRIHTGEKPYKCEECGRVFMWFSDITKHKKTHHTGEKPYKCDEC
 GKNFTQSSNLI VHKRIHTGEKPYKCEKCGAFTQFSLTVHESIHT

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001130519

ORF Size: 1818 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_001130519.3](#)

RefSeq Size: 3213 bp

RefSeq ORF: 1821 bp

Locus ID: 7748

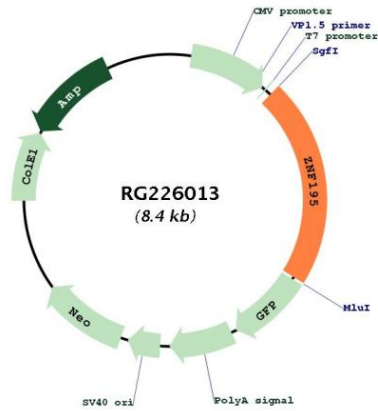
UniProt ID: [O14628](#)

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 RG226013