

## Product datasheet for **RG231603**

### ZNF195 (NM\_001256823) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF195 (NM\_001256823) 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)  
**ORF Nucleotide Sequence:** >RG231603 representing NM\_001256823  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGGTGCTCAGACTCTGTTGACGTTCAAGGATGTGGCCATAGAATTCTCCCTGGAGGAGTGGAAAT  
GCCTGGACCTCGCTCAGCAGAAATTTGTACAGGGATGTGATGTTGGAGAACTACAGAACTGTTCTCCGT  
TGGTCTCACTGTCTGTAAGCCAGGCCTGATCACCTGCCTGGAGCAACGAAAGAGCCCTGGAATGTGAAG  
AGACAGGAGGCAGCAGACGGACATCCAGGTATTTCTTTGTGGTTACCATGGAAATTATA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG231603 representing NM\_001256823  
Red=Cloning site Green=Tags(s)  
MAGAQTLLTFRDVAIEFSLEEWKCLDLAQQLYRDVMLENYRNLFVGLTVCKPGLITCLEQRKEPWNVK  
RQEAADGHPGIFFVVTMEII

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_001256823

**ORF Size:** 270 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\\_001256823.2](#)

**RefSeq Size:** 3203 bp

RefSeq ORF: 273 bp

Locus ID: 7748

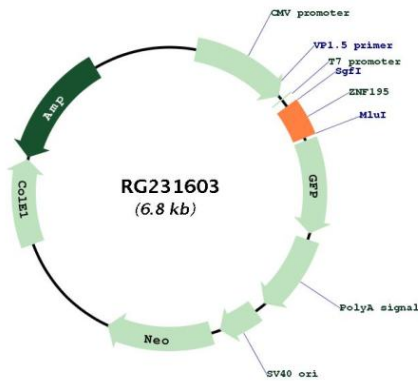
UniProt ID: [O14628](#)

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 RG231603