

## Product datasheet for **RG233970**

### **ZNF193 (ZSCAN9) (NM\_001199480) Human Tagged ORF Clone**

#### Product data:

|                           |                         |
|---------------------------|-------------------------|
| Product Type:             | Expression Plasmids     |
| Tag:                      | TurboGFP                |
| Symbol:                   | ZNF193                  |
| Synonyms:                 | PRD51; ZNF193           |
| Mammalian Cell Selection: | Neomycin                |
| Vector:                   | pCMV6-AC-GFP (PS100010) |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |

**ORF Nucleotide Sequence:** >RG233970 representing NM\_001199480  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAATACAACTCAAAGGAGGTTTATCCCTGGGTGTTCAAGTTCCTGAGGCATGGGAAGAACTTCTGA  
CAATGAAAGTGGAAGCAAAAGTCACCTTCAATGGCAGGAATCCAGACTGAAACGCAGTAATCCACTGGC  
AAGGGAATCTTCCGAAGGCACTTTCGACAGCTGTGCTACCAAGAGACCCCTGGACCAAGGGAGGCTCTT  
ACTCGACTCCAGGAACCTTGTACCAAGTGGTTGAGGCCACATGTGAGCACAAGGAGCAGATTTTGGATC  
TGCTGGTGCTGGAGCAGTTTCTATCCATTCTGCCAAGGAGCTCCAGGGCTGGGTGAGGGAACACTGTCC  
AGAGAGTGGAGAAGAGGCTGTGATTTTGTGGAGGATCTGGAGAGAGAGCTCGATGAACCACAACATGAG  
ATGGTGGCCACAGACACAGACAAGAAGTCCTCTGTAAGAGATGGTGCCTCTAGCAGAGCAGACACCAC  
TGACCTTTCAGTCCAGCCTAAGGAGCCACAGCTCACATGTGACTCTGCTCAGAAGTGCCATTCTATTGG  
AGAGACAGATGAAGTAACCAAGACTGAGGACAGAGAGTTGGTGCTAAGGAAAGACTGTCTTAAAGATAGT  
GAACCACATGGGAAATGTTTAAATGAGCAGACCTGGGAGGTATCACAGCAGGATCCCTCACATGGAGAAG  
TTGGTGAACATAAGGATAGGATAGAGAGGCACTGGGAAACCTCTTAGGAGAGGGGCAACACAAATGTGA  
TGAATGTGGGAAGAGCTTTACTCAGAGCTCAGGTCTCATTGACATCAAAGAATTCATACTGGAGAAAGA  
CCTTATGAATGTAATGAATGTGGGAAAGCCTTCAGTCGAAGTTCTGGTCTTTTAAATCACCAGGAATCC  
ACAATATACAGAAACGGTACCCTGCAAGGAGTGTGGGAAGGTCTTCAGTCAGAGTGCAGGCTCTTATCCA  
GCATCAGAGAATCCACAAGGAGAAAGCCGTATCAGTGCAGCCAGTGCAGTAAGAGCTACAGTCGCGCT  
TCAATTTCTATTGAACATCAGAGAAGCCACACAGGGGAGCGACCTACCAAGTGCATTGAATGTGGGAAA  
GCTTTAATCGACACTGCAACCTCATTGCGCATCAGAAGATCCACACAGTGGCTGAGCTGGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA



**Protein Sequence:**

>RG233970 representing NM\_001199480

Red=Cloning site Green=Tags(s)

MNTNSKEVLSLGVQVPEAWEELLTMKVEAKSHLQWQESRLKRSNPLAREIFRRHFRQLCYQETPGPREAL  
TRLQELCYQWLRPHVSTKEQILDLLVLEQFLSILPKELQGWVREHCPESGEEAVILLEDLERELDEPQHE  
MVAHRHRQEVLCHEMVPLAEQTPLTLQSQPKPEQLTCDSAQKCHSIGETDEVTKTEDRELVLKDCPKIV  
EPHGKMFNEQTWEVSQQDP SHGEVGEHKDRIERQWGNLLGEGQHKCECGKSFTQSSGLIRHQRIHTGER  
PYECNECGKAFSRSSGLFNHRGIHNIQKRYHCKECGVFSQSAGLIQHQRIRHKGEKPYQCSQCSKSYSRR  
SFLIEHQRSHTGERPHQCIECGKSFNRHCNLIHQKIHTVAELV

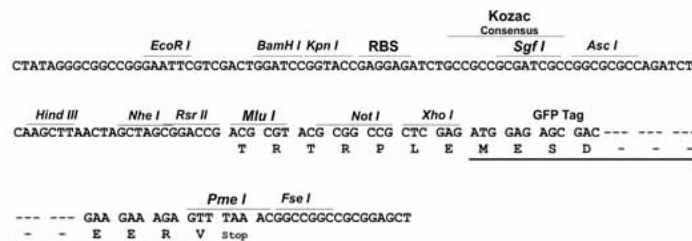
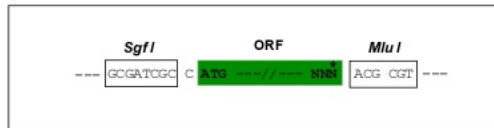
TRTRPLE - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**ACCN:**

NM\_001199480

**ORF Size:**

1182 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001199480.2](#)

**RefSeq Size:** 1662 bp

**RefSeq ORF:** 1185 bp

**Locus ID:** 7746

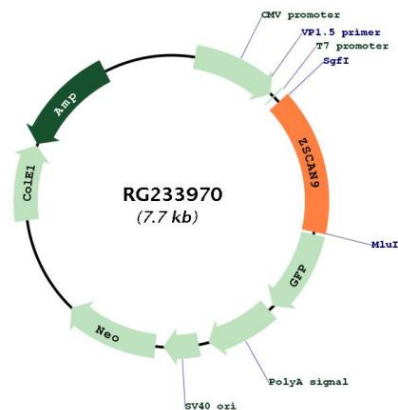
**UniProt ID:** [O15535](#)

**Cytogenetics:** 6p22.1

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for RG233970