

Product datasheet for **RG203099**

ZNF193 (ZSCAN9) (NM_006299) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF193 (ZSCAN9) (NM_006299) Human Tagged ORF Clone
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:	>RG203099 representing NM_006299 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATACAACTCAAAGGAGGTTTTATCCCTGGGTGTTCAAGTCCCGAGGCATGGGAAGAACTTCTGA
 CAATGAAAGTGGAAGCAAAAGTCACCTTCAATGGCAGGAATCCAGACTGAAACGCAGTAATCCACTGGC
 AAGGGAAATCTCCGAAGGCACCTTCGACAGCTGTGCTACCAAGAGACCCCTGGACCAAGGGAGGCTCTT
 ACTCGACTCCAGGAACCTTGTACCAAGTGGTTGAGGCCACATGTGAGCACAAAGGAGCAGATTTTGGATC
 TGCTGGTGTGGAGCAGTTTCTATCCATTCTGCCCAAGGAGCTCCAGGGCTGGGTGAGGGAACACTGTCC
 AGAGAGTGGAGAAGAGGCTGTGATTTTGTGGAGGATCTGGAGAGAGAGCTCGATGAACCACAACATGAG
 ATGGTGGCCACAGACACAGACAAGAAGTCTCTGTAAGAGATGGTGCCTCTAGCAGAGCAGACACCAC
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 GAACCACATGGGAAATGTTAATGAGCAGACCTGGGAGGTATCACAGCAGGATCCCTCACATGGAGAAG
 TTGGTGAACATAAGGATAGGATAGAGAGGCAGTGGGAAACCTCTTAGGAGAGGGCAACACAAATGTGA
 TGAATGTGGGAAGAGCTTTACTCAGAGCTCAGGTCTCATTGACATCAAAGAATTCATACTGGAGAAAGA
 CCTTATGAATGTAATGAATGTGGAAAGCCTTCAGTCGAAGTTCTGGTCTTTTAAATCACCGAGGAATCC
 ACAATATACAGAAACGGTACCCTGCAAGGAGTGTGGGAAGGTCTTCAGTCAGAGTGCGGGTCTTATCCA
 GCATCAGAGAATCCACAAAGGAGAAAAGCCGTATCAGTGCAGCCAGTGCAGTAAGAGCTACAGTCGCGCT
 TCATTTCTCATTGAACATCAGAGAAGCCACACAGGGGAGCGACCTCACCAGTGCATTGAATGTGGGAAAA
 GCTTTAATCGACACTGCAACCTCATTGCCATCAGAAGATCCACACAGTGGCTGAGCTGGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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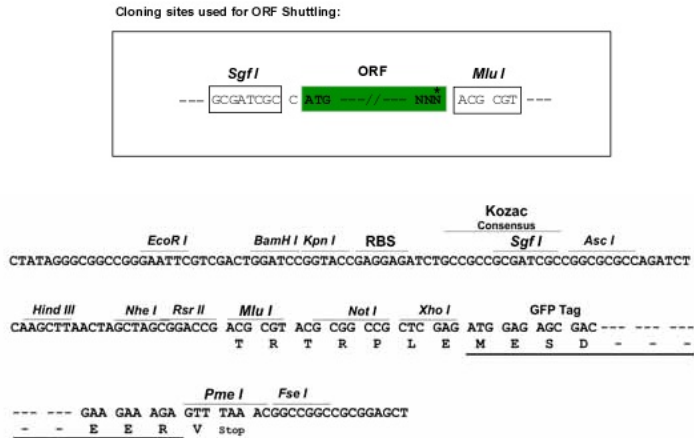
Protein Sequence: >RG203099 representing NM_006299
 Red=Cloning site Green=Tags(s)

MNTNSKEVL SLGVQVPEAWEELL TMKVEAKSHLQWQESRLKRSNPLAREIFRRHFRQLCYQETPGPREAL
 TRLQELCYQWLRPHVSTKEQILDLLVLEQFLSILPKELQGWVREHCPESGEEAVILLEDLERELDEPQHE
 MVAHRHRQEVLCHEMPLAEQTPLTLQSQPKPQLTCDQAQKCHSIGETDEVTKTEDRELVLKDCPKIV
 EPHGKMFNEQTWEVSQQDPSSHGEVGEHKDRIERQWGNLLGEGQHKCECGKSFTQSSGLIRHQRIHTGER
 PYECNECGKAFSRSSGLFNHRGIHNIQKRYHCKEKGKVFSSQAGLIQHQRIRHKGEKPYQCSQCSKSYSRR
 SFLIEHQRSHTGERPHQCIIECGKSFNRHCNLIHQKIHTVAELV

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_006299

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_006299.5](#)

RefSeq Size: 1669 bp

RefSeq ORF: 1185 bp

Locus ID: 7746

UniProt ID: [O15535](#)

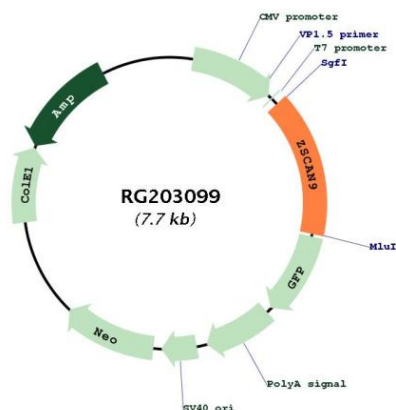
Cytogenetics: 6p22.1

Domains: LER, zf-C2H2

Protein Families: Transcription Factors

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

Product images:



Circular map for RG203099