

Product datasheet for **RG234116**

ZNF193 (ZSCAN9) (NM_001199479) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF193 (ZSCAN9) (NM_001199479) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RG234116 representing NM_001199479
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATACAAACTCAAAGGAGGTTTTATCCCTGGGTGTTCAAGTCCCGAGGCATGGGAAGAACTTCTGA
 CAATGAAAGTGAAGCAAAAAGTCACCTTCAATGGCAGGAATCCAGACTGAAACGCAGTAATCCACTGGC
 AAGGGAATCTTCCGAAGCACTTTTCGACAGCTGTGCTACCAAGAGACCCCTGGACCAAGGGAGGCTCTT
 ACTCGACTCCAGGAACCTTGTACCAAGTGGTGTAGGCCACATGTGAGCACAAAGGAGCAGATTTTGGATC
 TGCTGGTGTGAGCAGTTTCTATCCATTCTGCCCAAGGAGCTCCAGGGCTGGGTGAGGGAACACTGTCC
 AGAGAGTGGAGAAGAGGCTGTGATTTTGTGGAGGATCTGGAGAGAGAGCTCGATGAACCACAACATGAG
 ATGGTGGCCACAGACACAGACAAGAAGTCTCTGTAAGAGATGGTGCCTCTAGCAGAGCAGACACCAC
 TGACCTTCAGTCCAGCCTAAGGAGCCACAGCTCACATGTGACTCTGCTCAGAAGTGCCATTCTATTGG
 AGAGACAGATTTAATACGAAGTTTGAAGAGAAGGGCAGTACTGATCCCACTTGGGGCCCATCTGTTCTCT
 ACAGACACATTTTATTTTCCAAACCTGTTGTGATCCCCCAGCTAAAAGGAGGAGGAGAAACATGGCCTA
 ACAACAGAGGAGTCTTAAGAGATGAAGTAACCAAGACTGAGGACAGAGAGTTGGTGCTAAGGAAAGACTG
 TCCTAAGATAGTGAACCATGCGGAAAATGTTTAAATGAGCAGACCTGGGAGGTATCACAGCAGGATCCC
 TCACATGGAGAAGTTGGTGAACATAAGGATAGGATAGAGAGGCAGTGGGGAACCTCTTAGGAGAGGGGC
 AACACAAATGTGATGAATGTGGGAAGAGCTTTACTCAGAGCTCAGGTCTCATTGACATCAAAGAATTCA
 TACTGGAGAAAGACCTTATGAATGTAATGAATGTGGGAAAGCCTTCAGTCGAAGTTCTGGTCTTTTAAAT
 CACCGAGGAATCCACAATATACAGAAACGGTACCACTGCAAGGAGTGTGGGAAGGTCTTCAGTCAGAGTG
 CGGGTCTTATCCAGCATCAGAGAATCCACAAAGGAGAGAAAAGCCGTATCAGTGCAGCCAGTGCAGTAAGAG
 CTACAGTCGGCGTTCAATTTCTCATTGAACATCAGAGAAGCCACACAGGGGAGCGACCTCACCAGTGCATT
 GAATGTGGGAAAAGCTTTAATCGACACTGCAACCTCATTGCGCATCAGAAGATCCACACAGTGGCTGAGC
 TGGTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

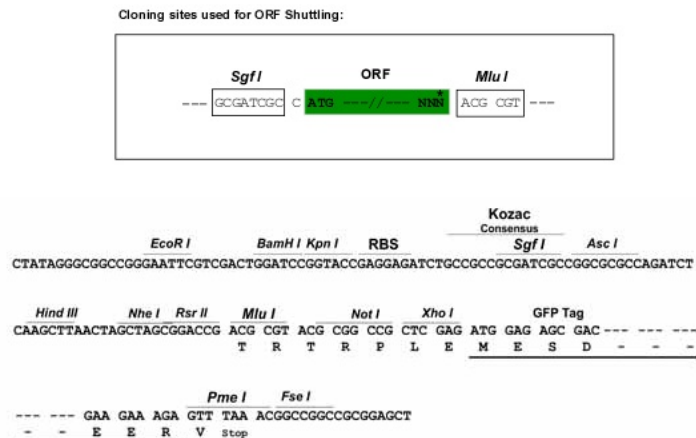
>RG234116 representing NM_001199479
 Red=Cloning site Green=Tags(s)

MNTNSKEVL SLGVQVPEAWEELL TMKVEAKSHLQWQESRLKRSNPLAREIFRRHFRQLCYQETPGPREAL
 TRLQELCYQWLRPHVSTKEQILDLLVLEQFLSILPKELQGWVREHCPESGEEAVILLEDLERELDEPQHE
 MVAHRHRQEVLCHEMPLAEQPTLTLQSQPKPQLTCDQAQKCHSIGETDLIRSLRRRAVLIPLAGHLFS
 TDTFLFSKPVVIPQLKGGGETWPNNRGVLRDEVTKTEDRELVLKDCPKIVEPHGKMFNEQTWEVSQQDP
 SHGEVGEHKDRIERQWGNLLGEGQHKCECGKSFTQSSGLIRHQRIHTGERPYECNECGKAFSRSSGLFN
 HRGIHNIQKRYHCKEKGKVFQSAGLIHQRIHKGEKPYQCSQCSKSYRRSFLIEHQRSHTGERPHQCI
 ECGKSFNRHCNLIHQRIHTVAELV

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001199479

ORF Size: 1335 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_001199479.2](#)

RefSeq Size: 1851 bp

RefSeq ORF: 1338 bp

Locus ID: 7746

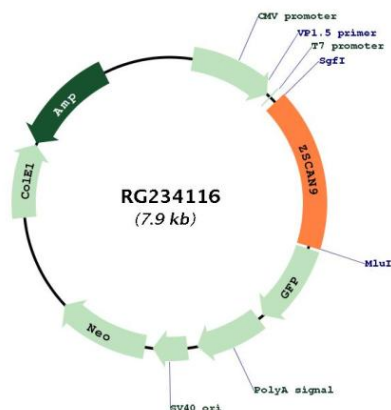
UniProt ID: [O15535](#)

Cytogenetics: 6p22.1

Protein Families: Transcription Factors

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

Product images:



Circular map for RG234116