

Product datasheet for **RC203099**

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:	Myc-DDK
Symbol:	ZNF193
Synonyms:	PRD51; ZNF193
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC203099 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATACAACTCAAAGGAGGTTTTATCCCTGGGTGTTCAAGTCCCGAGGCATGGGAAGAACTTCTGA
 CAATGAAAGTGGAAGCAAAAGTCACCTTCAATGGCAGGAATCCAGACTGAAACGCAGTAATCCACTGGC
 AAGGGAAATCTCCGAAGGCACCTTCGACAGCTGTGCTACCAAGAGACCCCTGGACCAAGGGAGGCTCTT
 ACTCGACTCCAGGAACCTTGTACCAAGTGGTTGAGGCCACATGTGAGCACAAAGGAGCAGATTTTGGATC
 TGCTGGTGTGGAGCAGTTTCTATCCATTCTGCCAAGGAGCTCCAGGGCTGGGTGAGGGAACACTGTCC
 AGAGAGTGAGAGAAGAGGCTGTGATTTTGTGGAGGATCTGGAGAGAGAGCTCGATGAACCACAACATGAG
 ATGGTGGCCACAGACACAGACAAGAAGTCTCTGTAAGAGATGGTGCCTCTAGCAGAGCAGACACCAC
 TGACCCCTTCAGTCCCAGCCTAAGGAGCCACAGCTCACATGTGACTCTGCTCAGAAGTGCCATTCTATTGG
 AGAGACAGATGAAGTAACCAAGACTGAGGACAGAGAGTTGGTGCTAAGGAAAGACTGTCTAAGATAGTG
 GAACCACATGGGAAATGTTAATGAGCAGACCTGGGAGGTATCACAGCAGGATCCCTCACATGGAGAAG
 TTGGTGAACATAAGGATAGGATAGAGAGGCAGTGGGAAACCTCTTAGGAGAGGGCAACACAAATGTGA
 TGAATGTGGGAAGAGCTTTACTCAGAGCTCAGGTCTCATTGACATCAAAGAATTCATACTGGAGAAAGA
 CCTTATGAATGTAATGAATGTGGAAAGCCTTCAGTCGAAGTTCTGGTCTTTTAAATCACCGAGGAATCC
 ACAATATACAGAAACGGTACCCTGCAAGGAGTGTGGGAAGGTCTTCAGTCAGAGTGCGGGTCTTATCCA
 GCATCAGAGAATCCACAAAGGAGAAAAGCCGTATCAGTGCAGCCAGTGCAGTAAGAGCTACAGTCGCGCT
 TCATTTCTCATTGAACATCAGAGAAGCCACACAGGGGAGCGACCTCACCAGTGCATTGAATGTGGGAAAA
 GCTTTAATCGACACTGCAACCTCATTGCCATCAGAAGATCCACACAGTGGCTGAGCTGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC203099 protein sequence
 Red=Cloning site Green=Tags(s)

MNTNSKEVL SLGVQVPEAWEELL TMKVEAKSHLQWQESRLKRSNPLAREIFRRHFRQLCYQETPGPREAL
 TRLQELCYQWLRPHVSTKEQILDLLVLEQFLSILPKELQGWVREHCPESGEEAVILLEDLERELDEPQHE
 MVAHRHRQEVLCHEMPLAEQTPLTLQSQPKPQLTCDQAQKCHSIGETDEVTKTEDRELVRKDCPKIV
 EPHGKMFNEQTWEVSQQDP SHGEVGEHKDRIERQWGNLLGEGQHKCDECCKSFTQSSGLIRHQRIHTGER
 PYECNECGKAFSRSSGLFNHRGIHNIQKRYHCKECGKVFQSAGLIQHQRIRHKGEKPYQCSQCSKSYSRR
 SFLIEHQRSHTGERPHQCIECGKSFNRHCNLRHQKIHTVAELV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6434_e03.zip

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: 1698 bp

RefSeq ORF: 1185 bp

Locus ID: 7746

UniProt ID: [O15535](#)

Cytogenetics: 6p22.1

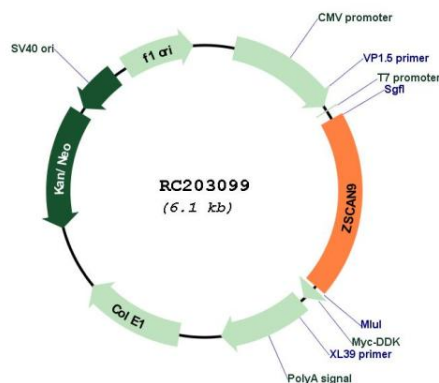
Domains: LER, zf-C2H2

Protein Families: Transcription Factors

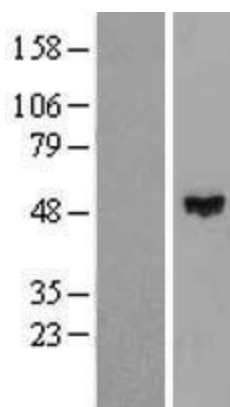
MW: 46 kDa

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

Product images:



Circular map for RC203099



Western blot validation of overexpression lysate (Cat# [LY416741]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC203099 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).