

Product datasheet for **RC239256**

ZNF180 (NM_001278509) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF180 (NM_001278509) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF180
Synonyms:	HHZ168
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RC239256 representing NM_001278509
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAAGAGCAGGATGAGAAGCCCCAGAGCCCCGAAGTCTGTGCACAGGATTCTTCCCTCCTCAAG
AGATTATCATCAAAGTCGAGGGAGAAGACACTGGGTCTCTGACCATCCCATCTCAGGAAGGAGTGAACCT
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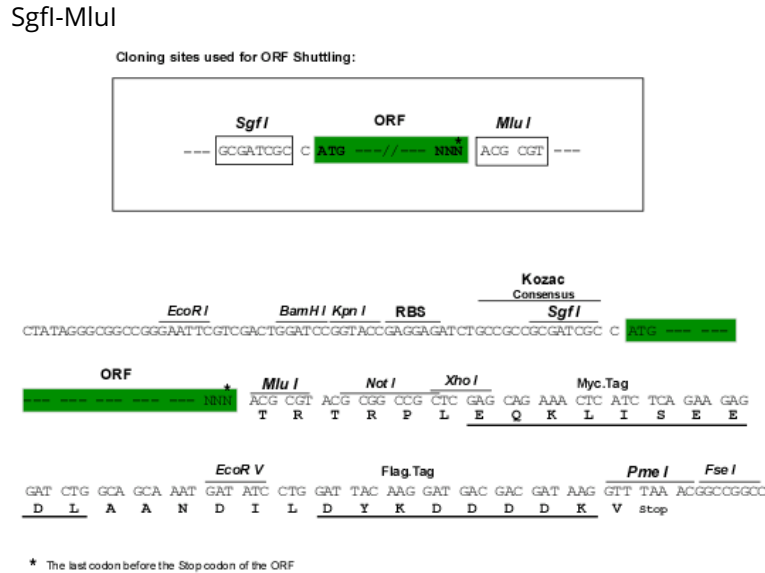
ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RC239256 representing NM_001278509
 Red=Cloning site Green=Tags(s)

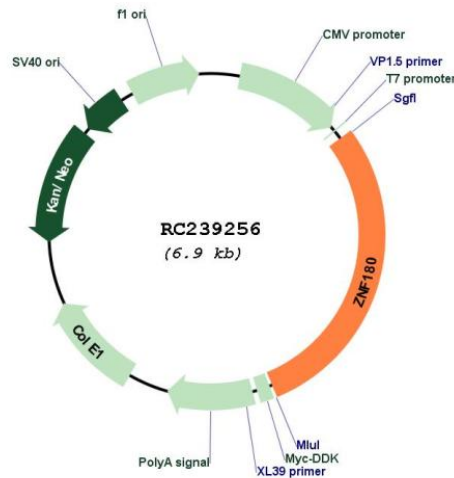
MEEQDEKPPPEPKVCAQDSFLPQEIIKVEGEDTGS LTIP SQEGVNFKIVTVDF TREEQGT CNPAQR TLD
 RDVILENHRDLVSWDLATAVGKKDSTSKQRIFDEEPANGVKIERFTRDDPWLSSCEEVDDCKDQLEKQQE
 KQEILLQEVAFTRKAVIHERVCKSDETGKSGLNSSLFSSPVIPIRNHFHKHVSHAKKWHLNAAVNSHQ
 KINENETLYENNECGKPPQSIHLIQFTRTQTKDKSYGFSDRIQSFCHGTPLHIHEKIHGGKTFDFKECG
 QVLNPKISHNEQQRIPFEESQYKSETSHSSSLTQNMNRNSEEKPFECNQCCKSFSWSSHLVAHQRTHTG
 EKPYECSECGKFSRSSHLSHQRTHTGEKPYRCNQCGKSFSSQSYVLVHQRTHTGEKPYECNQCGKSF
 QSYKLIHQRTHTGEKPYECNQCGKSF IQSYKLIHQRIHTGEKPYECNQCGKSFSSQSYKLVHQRTHTG
 EKPFECNQCCKSFSWSSQLVAHQRTHTGEKPYECSECGKSFNRSSHLVMHQRIHTGEKPYECNQCGKSF
 QSYVLVHQRTHTGEKPYECNQCGKSFQSSCLTQHRTHTGEKPFECNQCCKTFSLSARLIVHQRTHTG
 EKPFCTIQCGKAFINSYKLIRHQATHTEEKLYECN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:
Cloning Scheme:



Plasmid Map:



ACCN: NM_001278509

ORF Size: 1995 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_001278509.3](#)

RefSeq Size: 4264 bp

RefSeq ORF: 1998 bp

Locus ID: 7733

UniProt ID: [Q9UJW8](#)

Cytogenetics: 19q13.31

Protein Families: Transcription Factors

MW: 76.8 kDa

Gene Summary: Zinc finger proteins have been shown to interact with nucleic acids and to have diverse functions. The zinc finger domain is a conserved amino acid sequence motif containing 2 specifically positioned cysteines and 2 histidines that are involved in coordinating zinc. Kruppel-related proteins form 1 family of zinc finger proteins. See MIM 604749 for additional information on zinc finger proteins.[supplied by OMIM, Jul 2002]