

Product datasheet for **RC238436**

ZNF79 (NM_001286697) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF79 (NM_001286697) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF79
Synonyms:	pT7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC238436 representing NM_001286697
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCTGGTCTCCTCACAGCTGGGCCCCGGGGATCCACATTCTTCAGCAGTGTGACGGTAGCTTTTG
 CACAGGAAAGGTGGAGGTGCCTCGTGTCTACTCCACGGGACAGGTTCAAGGAGGGGATACCAGGAAAGTC
 CAGGAGCCTTGTCTACTAGGACTTCCAGTTTCCAGCCTGGCATGAACTCCAGTTGGAACAAAGGAA
 GGCGCATGGATGCTGGAGGGCGAAGACCTGCGAAGTCCCTCTCCAGGCTGGAAGATTATATCTGGATCAC
 CACCAGAGCAAGCCCTTCTGAAGCTTCATTCCAAGACCCATGTGTAGAGATGCCCCCTGGGGATTGAGA
 CCACGGGACCACTGACCTTGAGAAGAGCTTCAATCTGAGACCAGTCTCTCTCCGCAACAGAGAGTGCCC
 GTGGAAGCGAGACCTCGAAATGTGAGACACACCGAGAGCTTCAAGAACTCGGAAATCTGAAACCTC
 ACAGAGCAAAACCATATGCATGTAATGAATGTGGCAAAGCCTTCAGTTACTGTTCTTCCCTTCTCAGCA
 TCAGAAGAGCCCACTGGAGAGAAGCCCTATGAGTGCAGTGAATGTGGGAAGGCCTTCAGCCAGAGCTCA
 TCTCTCATTACAGACCAGAGGATTACACTGGAGAGAAGCCTTACAAGTGCAGTGAATGTGGAAGAGCCT
 TCAGCCAGAACGCCAACCTCACCAACACACGCGAACCCACACCGGAGAGAAGCCCTACAGATGCAGCGA
 GTGTGAGAAAGCCTTCAGTGACTGCTCAGCTCTTGTTTCAGCATCAGAGAATTATACCGGAGAGAAGCCC
 TACGAATGCAGCGACTGTGGGAAGGCCTTCCGTCACAGTGCAAACCTCACGAACCATCAGAGGACTCACA
 CCGGGGAGAAGCCTACAAGTGCAGCGAGTGTGGGAAGGCCTTCAGTTACTGCGCAGCGTTCATTACGCA
 CCAGAGGATTACACCGGGGAGAAGCCCTACAGATGTGCCGCGTGTGGGAAGGCCTTCAGCCAGAGTGCA
 AACCTCACAAACCATCAGAGGACTCACACTGGGGAGAAACCTACAAGTGCAGCGAGTGTGGGAAGGCCT
 TCAGCCAGAGTACCAATCTCATAATCCACCAAGACCCACACCGGGGAGAAGCCATATAATGTAATGA
 ATGTGGGAAATTCTTCAGTGAGAGCTCAGCCCTCATTCCGCATCATATAATCCACACCGGAGAAAAACCT
 TATGAGTGAATGAGTGTGGTAAAGCGTTTAACCAGAGCTCATCCCTTAGTCAGCATCAGAGAATCCACA
 CAGGCGTGAACCCCTACGAATGCAGCGAGTGTGGGAAGGCCTTCCGGTGCAGCTCTGCCTTCGTTAGACA
 TCAGAGACTCCACGCCGGAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238436 representing NM_001286697
 Red=Cloning site Green=Tags(s)

MAAGLLTAGPRGSTFFSSVTVAFAQERWRCLVSTPRDRFKEGIPGKSRLVLLGLPVSQPGMNSQLEQRE
 GAWMLEGEDLRSPSPGWKIIISGSPPEQALSEASFQDPCVEMPPGDSHGTSDLEKSFNLRPVLSPQQRVP
 VEARPRKCETHTESFKNSEILKPHRAKPYACNECGKAFSYCSSLSQHQSHTGEKPYECSECGKAFSQSS
 SLIQHQRHTGEKPYKCEGKAFSQANLTKHQRHTGEKPYRCSECEKAFSDCSALVQHQRHTGEKPY
 YECSDCGKAFRHSANLTHQRHTGEKPYKCEGKAFSYCAAFIQHQRHTGEKPYRCAACGKAFSQSA
 NLTHQRHTGEKPYKCEGKAFSQSTNLIHQKHTGEKPYKCEGKFFSESSALIRHHIHTGEKPY
 YECNECGKAFNQSSLSQHQRHTGVKPYECSECGKAFRCSSAFVRHQRHLHAGE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001286697

ORF Size: 1422 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_001286697.1](#), [NP_001273626.1](#)

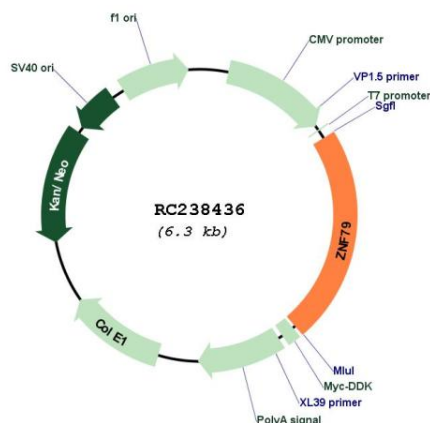
RefSeq Size: 2208 bp

RefSeq ORF: 1425 bp

Locus ID: 7633

Cytogenetics: 9q33.3
Protein Families: Transcription Factors
MW: 53.3 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC238436