

Product datasheet for **RC203356**

ZNF419A (ZNF419) (NM_024691) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF419A (ZNF419) (NM_024691) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF419
Synonyms:	ZAPHIR; ZNF419A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC203356 representing NM_024691
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCGGCCGCCCTGAGGGACCCCGCTCAGGTTCTGTGGCTGCAGACTTGCTTACAGACCATGAGG
 AGGGCTATGTGACCTTTGAGGATGTGGCTGTCTACTTCTCCAGGAGGAATGGAGATTGCTTGTATGACGC
 TCAGAGGCTCCTCTACCGCAATGTGATGCTGGAGAACTTTACACTTCTGGCCTCTCTGGGACTTGATCT
 TCCAAGACCCATGAAATAACCCAGCTGGAGTCATGGGAGGAGCCCTTCATGCCTGCTTGGGAAGTTGTGA
 CTTTACGCCATACCGAGAGGTTGTTGGCATGGAGCCGAGGCTGAGGAGGCTCCTGAGCAGATTGCTTCTGT
 AGGACTGCTCAGTTCAACATTCAGCAACACCAGAAGCAGCACTGTGGAGAGAAACCTTAAAAAGACAA
 GAGGGCAGGGTCCAGTTTTGAGGAGTTGCAAAGTTCACCTATCAGAGAAGTCTTGCAAAGCAGGGAGG
 TTGGGAAGGCCCTCTGATCAGCTCAGGTGTTCTCAAGCACCAGGTGACTCACACAGGAGAGAAGTCACA
 TAGGAGCTCCAAAAGTAGGGAGGCTTTTATGCTGGAAAAAGGCATTACAAATGCAGTGAATGTGGGAAA
 GCCTTTGGTCCAGAAATATTTACTTGTTCAGCACCAGAGACTACATGCTGGAAAAAGACGTATGAATGCA
 GTGAATGTGGGAAGTTATTTAGAGATATGTCCAACCTTTTTATACACCAATAGTTCACACTGGAGAAA
 GCCTTACGGGTGTAGTAAGTGTGGAAAATCCTTTAGCCGTAATGCTCACCTCATTGAACACCAGAGAGTT
 CACTGGAGAAAAGCCTTTTACATGCAGTGAATGTGGAAAAGCTTTCAGGCATAATCCCACTTGTTT
 AGCATCACAAAATCCCACTGGAGTAAGGCCTTATGAGTGCAGTGAATGTGGAAAATGTTTGTGTTTCAA
 CTCCAGCCTCATGAAACATCAGAGAATTCACACTGGAGAAAAGCCTTATAAGTGCAGTGAATGTGGAAA
 TTCTATAGCCACAAGTCCAACCTTATCAACATTTGGCGTGTTCATACTGGAGAAAAGCCTTACAAGTGA
 GCGACTGTGGGAAATTTTTACCAATGCTCAAGCCTCATGCAACATCAAAAAGTTACACTGGAGAAA
 GCCTTTTAAAGTCAATGAATGTGGGAGATTCTTTAGAGAGAATTCACCCTAGTTAGACATCAGAGGGTT
 CACTGGAGCAAAGCCTTATGAGTGCAGGAATGTGGGAAATTTTTAGCCAAAGCTCAACCTCATGC
 AACATCGAAAAGTTCACATTGGAGAAAAGCCTTTTAAAGTCAATGAATGTGGGAGATTGTTTAGAGAGAA
 TTCCAGCCTTGTAAACATCAGAGGGTTCACTGGAGCAAAGCCTTATGAGTGCAGGAATGTGGGAA
 TTTTTCGCCACAACCTCAGTCTTTTTAAACATCGAAGGATTCACACTGGAGAAATGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203356 representing NM_024691
 Red=Cloning site Green=Tags(s)

MAAAALRDPAQVPVAADLLTDHEEGYVTFEDVAVYFSQEEWRLDDAQRLLYRNVMLNFLLASLGLAS
 SKTHEITQLESWEPPMPAWEVVTSIIPRCWHGAEAEAEPEQIASVGLLSSNIQQHQKQHCGEKPLKRQ
 EGRVPLRSCKVHLSEKSLQSREVGKALLISSGLKHQVTHTEKSHRSSKSREAFHAGKRHYKCSECGK
 AFGQKYLQVHQRLHAGKKTIECSECGKFRDMSNLFIHQIVHTGERPYGCSNCGKFSRNAHLIEHQRV
 HTGEKPFTECEGKAFRHNSTLVQHKKIHTGVRPYECSECGKLFNFSSMLMKHQRIHTGERPYKCSECGK
 FYSHKSNLIKHWVHTGERPYKSDCGKFFTCSSLMQHVKVHTGEKPFKNECGRFFRENSTLVRHQRV
 HTGAKPYECRECGKFFSQSSTLMQHRKVHIGKPFKNECGRLLFRENSSLVHKQRVHTGAKPYECRECGK
 FFRHNSSLFKHRRHTGEMQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

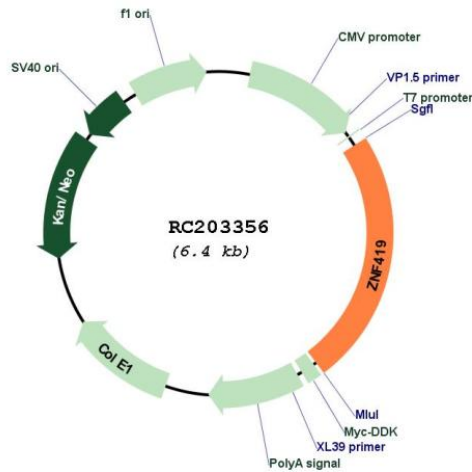
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_024691

ORF Size: 1530 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_024691.4](#)

RefSeq Size: 2381 bp

RefSeq ORF: 1533 bp

Locus ID: 79744

UniProt ID: [Q96HQ0](#)

Cytogenetics: 19q13.43

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

MW: 58.6 kDa

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