

Product datasheet for **RC223806A1V**

Human ZNF419A (ZNF419) (NM_001098492) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ZNF419A
Synonyms:	ZAPHIR; ZNF419A
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC223806 ORF sequence, **codon optimized**.
 Due to the complexity of NM_001098492, the ORF clone is codon optimized for mammalian Expression.
 The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCCCGCGCAGCGCTTCGCGACCCAGCTCAGCAAGGGTATGTGACGTTGAGGACGTAGCTGTTTATT
 TCAGCCAGGAAGAATGGAGGCTGCTGGACGACGACAGAGGCTTCTGTATCGGAACGTGATGCTGAAAA
 CTTACCCCTGCTGGCTCTCTGGGCTGGCGAGTAGTAAGACCCATGAAATCACCCAGCTGGAGTCTGG
 GAGGAGCCCTTTATGCCCGCATGGGAGGTGTTACCTCTGCCATTCGAGAGGCTGCTGGCACGGTGCAG
 AAGCGGAAGAGGCACCTGAGCAGATCGCTTCCGTTGGGCTGCTCTCCAGTAATATCCAGCAGCATCAGAA
 ACAGCACTGTGGAGAAAAGCCCTGAAGCGGCAAGAAGGCCGGGTGCCTGTACTTCGGAGCTGTAAGGTG
 CATCTGAGCGAGAAATCCCTGCAGTCTAGGAGGTGGGCAAGCCCTTCTATCTCCAGCGCGTGTGA
 AGCACCAGGTACGCATACCGAGAAAAATCTCACAGAAGCTCCAAATCTAGGAAGCCTTCCACGCGGG
 CAAAAGGCATTACAAATGCTCAGAATGTGGGAAGGCCTTGGGCAGAAATATCTCCTTGTCAACATCAA
 AGACTGCACGCTGGCAAGAAGACCTACGAGTGTCCGAATGCGGGAAGCTGTTCCGCGACATGTCCAACC
 TGTTTATCCATCAAATGTGCACACCGAGAGCGGCCATATGGATGTAGCAACTGCGCAAGTCTTTTAG
 CCGGAACGCTACCTGATCGAGCACCAGAGGTGCATACGGGGAGAAGCCTTTCACATGTTCCGAGTGC
 GGAAAAGCATTCGACACAATCCACTCTGGTGCAGCACCATAAGATCCATACGGGAGTCAGACCCATATG
 AGTGCTCAGAGTGGGCAAAATGTTTTCTTTAACAGCTCTCTCATGAAACACCAGCGCATTCATACCGG
 CGAGCGCCCATACAAGTGTAGCGAATGTGGAAAGTTCTACTCCACAAAAGCAACCTCATAAAACATTGG
 CGGGTGCATACAGGGGAAAGGCCGTACAAGTGCAGCGACTGCGGTAATCTTCACTCAGTGTAGCAGTC
 TCATGCAGCATCAGAAGGTGCATACTGGTGAGAAACCTTCAAGTGAATGAGTGCGGTAGGTTCTTTTCG
 CGAAAACCTCACTCTGGTACGACACCAAGAGTCCATACGGGTGCAAAGCCTTATGAGTGCCGGGAATGT
 GGCAAATCTTTTACAAAGTTCTACCCTCATGCAGCATAGGAAGGTCCACATCGGAGAGAAGCCGTTCA
 AGTGAACGAGTGGGTGGCTGTTAGGGAGAACTCTAGCCTGGTTAAACACCAGAGGGTCCACACAGG
 TGCCAAAGCCCTATGAATGTCGGGAGTGTGGGAAGTTCTCCGCCATAACAGCAGTTTGTTTAAACACAGA
 CGGATCCCACTGGCGAGATGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223806 representing NM_001098492
 Red=Cloning site Green=Tags(s)

MAAAALRDPAQQGYVTFEDVAVYFSQEEWRLLDDAQRLLYRNVMLNFTLLASLGLASSKTHEITQLESW
 EEPFMPAWEVVTSAIPRCWHGAEAEAEPEQIASVGLSSNIQQHQKQHCGEKPLKRQEGRPVPLRSCVK
 HLSEKSLQSREVGKALLISSGVLKHQVHTGKSHRSSKSREAFHAGKRHYKCSECGKAFGQKYLVLVQH
 RLHAGKKTIECSECKLFRDMSNLFIHQIVHTGERPYGCSNCGKSF SRNAHLIEHQRVHTGEKPFCTSEC
 GKAFRHNSTLVQHHKIHTGVRPYECSECKLFSFNSSLMKHQRIHTGERPYKCECGKFYSHKSNLIKHW
 RVHTGERPYKCSDCGKFFTCSSLMQHQKVHTGEKPFKCNCGRFFRENSTLVRHQRVHTGAKPYECREK
 GKFFSQSSTLMQHRKVHIGKPFKCNCGRLFRENSSLVKHQRVHTGAKPYECRECGKFFRHNSSLFKHR
 RIHTGEMQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001098492

ORF Size:	1494 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	NM_001098492.1 , NP_001091962.1
RefSeq Size:	2345 bp
RefSeq ORF:	1497 bp
Locus ID:	79744
UniProt ID:	Q96HQ0
Cytogenetics:	19q13.43
MW:	57.3 kDa