

Product datasheet for **RC215975A1V**

Human ZNF418 (NM_133460) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF418 (NM_133460) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF418
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215975 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGGGCACTGTGGCATTGAAGATGTGGCTGTGAACTTTTCCAGGAGGAGTGGAGTCTCCTTAGTG
AGGTTTCAGAGATGCCTTTACCATGACGTGATGCTGGAGAACTGGGTACTTATATCCTCCCTGGGTTGTTG
GTGTGGATCAGAAGATGAGGAGGCACCTTCTAAGAAGAGCATTCTATACAAAGAGTGTCTCAGGTCAGC
ACTCCTGGGGCAGGTGTGTCTCCCAAGAAGGCCACTCTTGTGAAATGTGTGGCGCATCTTGGGAGACA
TTTTGCACTTGGCAGATCATCAGGGGACACATCACAAGCAGAACTGCACAGGTGTGAGGCATGGGGGAA
TAAATTGTATGATAGTTCAAACCGTCCGCACCAGAATCAGTACCTTGGAGAGAAACCTATAGAAGCAGT
GTTGAGGAAGCATTGTTTGTGAAGAGGTGAAGTTCCATGTGTCAGAGGAGTCATCTATCTTCATTGAGA
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CAGCAAACCTGAGTGTGAGTCTCCCTTTCAGTGGGAGATACTCATTACAGCTGTGGAGAATGCATGAAA
CATTCTAGCACCAAACACGTATTTGTTCAACAGCAGAGACTTCCCTCTAGAGAGGAATGTTATTGCTGGG
AATGTGGGAAATCCTTTAGCAAATATGATAGCGTCAGTAATCATCAGAGAGTTCACACTGGGAAAAGACC
TTATGAATGTGGAGAATGTGGGAAATCTTTAGTCATAAGGGCAGCCTTGTTTCAGCATCAGCGAGTTTAC
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AATGTGGAAAATGTTTTAGTCAAAGGGCACCTAACTGAACATCATCGAGTTCACACTAGAGAAGCAGC
TTATGAGTGTGGAGAATGTGGGAAATCTTTAGTCGAAAGGGACACCTTAGGAACCATCAGCGAGGTCAC
ACTGGAGAAAGACCTTACGAGTGTGGAGAATGTGGGAAATCTTTAGTCGAAAGGGCAACCTCATTGAGC
ATCAGCGAAGCCACACTGGAGAAAGGCCTTATGAGTGTAGAGAGTGTAGGAAATATTTAGGGGCAAGTC
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TTTCAAGACAGCTCTGGGTTTCGTGTTTCATCAGAGAGTTCACACTGGAGAAAACCGTTTGAGTGTAGTG
AATGTGGGAAGTCATTTCTCAAAGCTGTTCCCTCCTTCGACATCGGAGAGTTCATACTGGAGAAAGGCC
TTATGAATGTGGAGAATGTGGAAAGTCATTTTCATCAGAGCTCTTCCCTCCTTCGACATCAGAAAACCTCAC
ACTGCAGAAAGACCTTATGAGTGCAGAGAATGTGGGAAATCTTCTCCAGTCTCCTTGAACACAGGAGAG
TTCACACTGGAGAAAGGCCTTATGAATGCAGGGAATGTGGAAAACATTTACTCGAAGGTCTGCGCATTT
TAAACATCAGAGACTTCATACTCGAGGAAAGCCTTACGAGTGCAGCGAATGTGGGAAATCCTTTGCTGAA
ACCTTCAGTCTTACTGAACACAGGAGAGTACACACTGGAGAAAGGCCTTATGAGTGCAGTGAATGTGGAA
AATCATTTTCATCGAAGCTCTTCTCCTTCGACATCAGAGAGTTCACACAGAAAGAGTCCTTACAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215975 protein sequence Red=Cloning site Green=Tags(s) MQGTVAFEDVAVNFSQEEWSLLSEVQRCLYHDVMLENWVLISLGCWCGSEDEEAPSKKSSISIQRVVSQVS TPGAGVSPKKAHSCMCGAILGDILHLADHQGTHHKQKLHRCEAWGNKLYDSSNRPHQNQYLGEKPYRSS VEEALFVKRCKFHVSEESSIFIQSGKDFLPSSGLLLQEATHTGEKSNSKPECESPFQWGDTHYSCGECMK HSSTKHVVFVQQRLPSREECYCWECKGSFSKYDSVSNHQRVHTGKRPYECGECGKFSHKGSLVQHQRVH TGKRPYECGECGKFSHKGSLVQHQRVHTGERPYECGECGKFSQNGTLIKHQRVHTGERPYECECGKC FTQKGNLIQHQRGHTSERPYECECGKCFSQKGTLTEHHRVHTRERPYECGECGKFSRKGHLRNHQRGH TGERPYECGECGKFSRKGHLRNHQRGHTSERPYECECGKCFSQKGTLTEHHRVHTRERPYECGECGKFSRKGHLRNHQRGH FQDSSGFRVHQRVHTGEKPFECSECGKSFQSCSLLRHRVHTGERPYECGECGKSFHQSSLLRHQKTH TAERPYPECRECGKFFSSLLEHRRVHTGERPYECECGKTFTRSAHFKHQRLHTRGKPYECSECGKSF TFSLTEHRRVHTGERPYECECGKSFHRSSLLRHQRVHTERSPYK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_133460
ORF Size:	2028 bp
Buffer:	PBS with 0.001% Pluronic F7466
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:	<u>NM_133460.1</u>
RefSeq Size:	3712 bp
RefSeq ORF:	2031 bp
Locus ID:	147686
UniProt ID:	<u>Q8TF45</u>
Cytogenetics:	19q13.43
MW:	77.9 kDa