

Product datasheet for **RC218634A1V**

Human ZNF596 (NM_001042416) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF596 (NM_001042416) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF596
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218634 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCATACCCGATTCCATGACCTTCGAGGATATCATTGTAGACTTCACTCAAGAAGAGTGGGCCCTGC
 TGGACACATCCCAGAGAAAGCTGTTCAAGATGTGATGTTGGAGAACATCAGTCATCTGGTCTCTATTGG
 CAAACAGCTCTGCAAAATCAGTTGTGCTTTCCCAATTGGAGCAAGTAGAGAACTTTCAACACAAAGAATA
 AGCTTACTGCAAGGTAGAGAAGTTGGCATTAAACATCAAGAGATACCATTCAATCATATCTATCAGA
 AGGGCACGTCCACCATCAGCACAATGAGATCTCATACTCAAGAGGATCCTTTCTATGCAATGACTTAGG
 AGAAGATTTCACTCAACATATAGCATTGACTCAAAATGTGATTACCTACATGAGAACGAAACACTTTGTA
 AGCAAAAAGTTTGGGAAATCTTCAGTGACTGGTTATCCTTTAATCAACACAAGGAAATTCACACCAAAT
 GTAAATCATATGGAAGTCATCTATTTGATTATGCCTTTATCCAAACTCTGCCCTTAGACCACACAGTGT
 GACTCACACTAGAGAGATAACATTGGAATGTCGTGTGTGGGAAAACCTTTAGCAAAAATTCTAATCTT
 AGGCGACATGAGATGATTACACTGGAGAGAAACCACACGGATGTCATCTATGTGGGAAAGCCTTTACTC
 ATTGCTCTGATCTTCGAAAACATGAGAGAACTCACACTGGAGAGAAGCCATATGGATGTCATCTATGTGG
 GAAAGCCTTCAGTAAAGTTCTAACCTTAGACGACATGAGATGATTACACTAGAGAAAAAGCACAGATA
 TGCCATCTATGTGGGAAAGCCTTCATCATTGCTCTGACCTTAGAAAACATGAGAGAACTCACTTAGGAG
 ATAAACCATATGGATGTCCTATGTGGGAAGGCTTTCAGTAAATGTTCTTACCTTAGACAACATGAAAG
 AACTCACATGGAGAGAAACCATATGAATGTCATCTATGTGGGAAAGCCTTCTCTATTGTTCTCACCTT
 AGACAACATGAGCGAAGTCACAATGGAGAGAAACCACATGGATGTCATCTATGTGGGAAAGCATTCACTG
 AATCTTCTGTGCTTAAACGACATGAGAGAAATTCACACTGGAGAGAAACCATATGAGTGCCATGTATGTGG
 GAAAGCCTTCAGTGAATCTTCTGACCTCAGACGACATGAGAGAACTCACACTGGAGAAAAACCATATGAA
 TGCCATCTATGCGGAAAAGCCTTCAATCACTCTTCTGTCTTAGACGACATGAGAGAACTCACACTGGAG
 AGAAACCATATGAATGCAATATATGTGGTAAAGCCTTCAATAGAAGTTACAACCTTAGACTTCATAGAAG
 AGTTCACACTGGAGAGAAACCATATGTATGTCTCTATGTGGGAAAGCCTTTAGTAAATTTTTTAACCTT
 AGACAACATGAGAGAACTCACACTAAAAAGCAATGAATATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218634 protein sequence
 Red=Cloning site Green=Tags(s)

MPSPDSMTFEDIIVDFTQEEWALLDTSQRKLFQDVMLENISHLVSIGQLCKSVVLSQLEQVEKLSTQRI
 SLLQGREGVGIKHQEIPIFIHHIYQKGTSTISTMRSHTQEDPFLCNDLGEDFTQHIALTQNVITYMRTKHFV
 SKKFGKIFSDWLSFNQHKIHTKCKSYGSHLFDYAFIQNSALRPHSVHTREITLRCVCGKTFKSNLNL
 RRHEMIHTGEKPHGCHLCGKAFTHCSDLRKHERHTHTGEKPYGCHLCGKAFSKSSNLRRHEMIHTREKAQI
 CHLCGKAFTHCSDLRKHERHTLGDGPYGLLCGKAFSKCSYLRQHERTHNGEKPYEHLCHGKAFSHCSHL
 RQHERSHNGEKPHGCHLCGKAFTSSVLKRHERIHTGEKPYECHVCGKAFTSSDLRRHERHTHTGEKPYE
 CHLCGKAFNHSSVLRHERHTHTGEKPYECNICGKAFNRSYNFRLHRRVHTGEKPYVCPLCGKAFSKFFNL
 RQHERHTKKAMNM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001042416
ORF Size: 1512 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:	<u>NM_001042416.1</u>
RefSeq Size:	2863 bp
RefSeq ORF:	1515 bp
Locus ID:	169270
UniProt ID:	<u>Q8TC21</u>
Cytogenetics:	8p23.3
MW:	58.5 kDa