

Product datasheet for **RC206142A1V**

Human ZNF596 (NM_173539) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF596 (NM_173539) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF596
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206142 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCATACCGGATTCCATGACCTTCGAGGATATCATTGTAGACTTCACTCAAGAAGAGTGGGCCCTGC
 TGGACACATCCCAGAGAAAGCTGTTCAAGATGTGATGTTGGAGAACATCAGTCATCTGGTCTCTATTGG
 CAAACAGCTCTGCAAAATCAGTTGTGCTTTCCCAATTGGAGCAAGTAGAGAACTTTCAACACAAAGAATA
 AGCTTACTGCAAGGTAGAGAAGTTGGCATTAAACATCAAGAGATACCATTCAATCATATCTATCAGA
 AGGGCACGTCCACCATCAGCACAATGAGATCTCATACTCAAGAGGATCCTTTCTATGCAATGACTTAGG
 AGAAGATTTCACTCAACATATAGCATTGACTCAAAATGTGATTACCTACATGAGAACGAAACACTTTGTA
 AGCAAAAAGTTTGGGAAAATCTTCAGTGACTGGTTATCCTTTAATCAACACAAGGAAATTCACACCAAAT
 GTAAATCATATGGAAGTCATCTATTTGATTATGCCTTTATCCAAACTCTGCCCTTAGACCACACAGTGT
 GACTCACACTAGAGAGATAACATTGGAATGTCGTGTGTGGGAAAACCTTTAGCAAAAATTCTAATCTT
 AGGCGACATGAGATGATTACACTGGAGAGAAACCACACGGATGTCATCTATGTGGGAAAGCCTTTACTC
 ATTGCTCTGATCTTCGAAAACATGAGAGAACTCACACTGGAGAGAAGCCATATGGATGTCATCTATGTGG
 GAAAGCCTTCAGTAAAGTTCTAACCTTAGACGACATGAGATGATTACACTAGAGAAAAAGCACAGATA
 TGCCATCTATGTGGGAAAGCCTTCACTATTGCTCTGACCTTAGAAAACATGAGAGAACTCACTTAGGAG
 ATAAACCATATGGATGTCCTATGTGGGAAGGCTTTCAGTAAATGTTCTTACCTTAGACAACATGAAAG
 AACTCACATGGAGAGAAACCATATGAATGTCATCTATGTGGAAAAGCCTTCTCTATTGTTCTCACCTT
 AGACAACATGAGCGAAGTCACAATGGAGAGAAACCACATGGATGTCATCTATGTGGGAAAGCATTCACTG
 AATCTTCTGTGCTTAAACGACATGAGAGAATTCACACTGGAGAGAAACCATATGAGTGCCATGTATGTGG
 GAAAGCCTTCACTGAATCTTCTGACCTCAGACGACATGAGAGAACTCACACTGGAGAAAAACCATATGAA
 TGCCATCTATGCGGAAAAGCCTTCAATCACTCTTCTGTCTTAGACGACATGAGAGAACTCACACTGGAG
 AGAAACCATATGAATGCAATATATGTGGTAAAGCCTTCAATAGAAGTTACAACCTTAGACTTCATAGAAG
 AGTTCACACTGGAGAGAAACCATATGTATGTCTCTATGTGGGAAAGCCTTTAGTAAATTTTTTAACCTT
 AGACAACATGAGAGAACTCACACTAAAAAGCAATGAATATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206142 protein sequence
 Red=Cloning site Green=Tags(s)

MPSPDSMTFEDIIVDFTQEEWALLDTSQRKLFQDVMLENISHLVSIGQLCKSVVLSQLEQVEKLSTQRI
 SLLQGREVGIKHQEIPFIHHIYQKGTSTISTMRSHTQEDPFLCNDLGEDFTQHIALTQNVITYMRTKHFV
 SKKFGKIFSDWLSFNQHKIEHTKCKSYGSHLFDYAFIQNSALRPHSVHTREITLECRVCGKTFKSNL
 RRHEMIHTGEKPHGCHLCGKAFTHCSDLRKHERHTHTGEKPYGCHLCGKAFSKSSNLRRHEMIHTREKAQI
 CHLCGKAFTHCSDLRKHERHTLGDOPYGCLLCGKAFSKCSYLRQHERTHNGEKPYEHLCHGKAFSHCSHL
 RQHershNGEKPHGCHLCGKAFTESSVLKRHERIHTGEKPYECHVCGKAFTESSDLRRHERHTHTGEKPYE
 CHLCGKAFNHSSVLRHERHTHTGEKPYECNICGKAFNRSYNFRLHRRVHTGEKPYVCPLCGKAFSKFFNL
 RQHERHTKKAMNM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_173539
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_173539.2, NP_775810.2</u>
RefSeq Size:	2781 bp
RefSeq ORF:	1515 bp
Locus ID:	169270
UniProt ID:	<u>Q8TC21</u>
Cytogenetics:	8p23.3
MW:	58.5 kDa