

Product datasheet for **RC211416A1V**

Human ZNF497 (NM_198458) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF497 (NM_198458) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF497
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211416 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGTCCCCAAGAGGGTGGACCTGCAGGTGGCCCCAGAGGAAGGCCAGGTCCTCTGCAATGTGAAGA
 CTGCCACGAGGGGCTCTCTGAGGGGGCTGTGTCTGGAGGCTGGGGGGCTGGGAAAACCTCCACGGAGGT
 TCCGAGGAGGACAGGGACGGCCAGCGCAGCAAGCCACACTGGGGGCGCGGACGAACAGGGAGGCCCC
 GGCAGGGAGCTGGGCCCCGACAGCGTGGGCGGGACGGGGCTGGGCCCAGGAGCGAGCTGCAGACCGGG
 CGTTGCGCCCTTCGCCTCTCCAGAGGAGCCGGCTGCCGGTGCGGGGAGTGCAGCAAGGCGTTTACGCCA
 GGGCTCTTACTTGTGCAGCATCGGCGCGTGCACACAGGCGAGAAGCCGTACACGTGCCCGAGTGCAGC
 AAGGCCTTCGCCTGGAGCTCAACCTCAGCCAGCACCAGCGCATCCACAGCGGCGAGAAGCCCTACGCTT
 GCAGGGAGTGCAGCAAGGCCTTCGCGCGCACTCGCAGCTCATCCACCACCAGGAGACACACAGCGGCCT
 GAAGCCCTTCGCTGCCCGACTGCGGCAAGTCTTCGCGCGAAGCACCACGCTGGTGCAGCACCAGCGC
 ACGCACACGGGCGAGAAGCCCTACGAGTGCCCGGAGTGCAGCAAGGCCTTCAGCTGGAATCCAATTTCC
 TGGAGCACCGGCGCGTGCACACGGGCGCGCGGCCGCACGCCTGCCGGGACTGTGGCAAGGCCTTCAGCCA
 GAGCTCCAACCTGGCCGAGCACCTGAAGATCCACGCGGGCGCACGGCCACACGCCTGTCCGACTGCGGC
 AAGGCCTTCGTGCGTGTGGCGGGCTGCGGCAGCACCAGCGCACGACAGCAGGAGAAGCCCTTCCCCT
 GCGCGGAGTGCAGAAAGGCTTTCGCGAGAGCTCGCAGCTCCTGCAGCACCAGCGCACGCACTGGTGA
 GCGGCCCTTCGAGTGCAGCGAGTGCAGCCAGGCTTTCGTATGGGCTCCTACCTGGCGGAGCACCAGCGC
 GTGCACACGGGCGAGAAGCCTCATGCGTGCAGCCAGTGCAGCAAGGCCTTCAGCCAGCGCTCAACCTAC
 TGAGCCACGGGCGCACGCACTCGGGCGCAAGCCCTTCGCCTGCGCGACTGCGGCAAGGCCTTCCGCGG
 CAGTTCGCGCCTGGCGCACACCGGCTTTCGCACACGGGAGAGCGACCCCTTCGCTGCGCAGAATGCGGC
 AAGGCCTTCCGCGGAGCTCCGAGTGCAGCAGCACCAGCGCCTGCACTCTGGCGAGAGGCCGTTCTGTCT
 GCGCCCACTGCAGCAAGGCCTTCGTGCGCAAGTGCAGGCTCTTAAGCCACCGGCGCACGACACGGGCGA
 GAGGCCCTACGCTTGCAGCGAGTGCAGGAAGCCTTTCAGCCACCGTTGCAACCTCAACGAGCACCAGAAG
 CGGCACGGGGCGCGCTGCGCCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211416 protein sequence
 Red=Cloning site Green=Tags(s)

MESPRGWTLQVAPEEGQVLCNVKTATRGLSEGAVSGGWGAWENSTEVPREAGDGQRQATLGADEQGGP
 GRELGADGGRDGAGPRSEPADRALRPSLPEEPGCRGECGKAFSQGSYLLQHRRVHTGEKPYTCPECG
 KAFSSNLSQHQRIHSGEKPYACRECGKAFRAHSQLIHHQETHSGLKPFRCPDCGKSFGRSTTLVQHRR
 THTGEKPYECPECGKAFSWNSNLFHRRVHTGARPHACRDCGKAFSSNLAHLKIAGARPHACPDG
 KAFVRVAGLRQHRRTHSSEKPFPCAECGKAFRESSQLLQHRTHTGERPFCAECGQAFVMSYLAHRR
 VHTGEKPHACAQCGKAFSQRNLLSHRRTHSGAKPFACADCGKAFRGSSGLAHHRLSHTGERPFACAECG
 KAFRGSSSELRQHRLHSGERPFVCAHCSKAFVRKSELLSHRRTHGERPYACGECGKPFSHRNLNEHQK
 RHGGRAAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
 Serotype: AAV-2
 ACCN: NM_198458
 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:	<u>NM_198458.1</u>
RefSeq Size:	3578 bp
RefSeq ORF:	1497 bp
Locus ID:	162968
UniProt ID:	<u>Q6ZNH5</u>
Cytogenetics:	19q13.43
MW:	54.7 kDa