

Product datasheet for **RC202336A1V**

Human CPVL (NM_031311) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CPVL (NM_031311) AAV Particle
Tag:	Myc-DDK
Symbol:	CPVL
Synonyms:	HVLP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202336 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGTTGGTGCCATGTGGAAGGTGATTGTTTCGCTGGTCTGTTGATGCCTGGCCCTGTGATGGGCTGT
 TTCGCTCCCTATACAGAAAGTGTTCATGCCACCTAAGGGAGACTCAGGACAGCCATTATTTCTCACCCC
 TTACATTGAAGCTGGGAAGATCCAAAAAGGAAGAATTGAGTTTGGTCGGCCCTTTCCAGGACTGAAC
 ATGAAGAGTTATGCCGGCTTCTCACCGTGAATAAGACTTACAACAGCAACCTCTTCTTCTGTTCTTCC
 CAGCTCAGATACAGCCAGAAGATGCCCCAGTAGTTCTCTGGCTACAGGGTGGGCCGGGAGGTTTATCCAT
 GTTTGGACTCTTTGTGAACATGGGCCTTATGTTGTACAAGTAACATGACCTTGCCTGACAGAGACTTC
 CCCTGGACCACAACGCTCTCCATGCTTTACATTGACAATCCAGTGGGCACAGGCTTCAGTTTTACTGATG
 ATACCCACGGATATGCAGTCAATGAGGACGATGTAGCACGGGATTATACAGTGCCTAATTGATTTTT
 CCAGATATTTCTGAATATAAAAAATGACTTTTATGTCAGTGGGGAGTCTTATGCAGGAAATATGTG
 CCAGCCATTGCACACCTCATCCATTCCCTCAACCTGTGAGAGAGGTGAAGATCAACCTGAACGGAATTG
 CTATTGGAGATGGATATTCTGATCCCGAATCAATTATAGGGGGCTATGCAGAATTCCTGTACCAATTGG
 CTTGTTGGATGAGAAGCAAAAAAGTACTTCCAGAAGCAGTGCCATGAATGCATAGAACACATCAGGAAG
 CAGAACTGGTTTGAGGCCTTTGAAATACTGGATAAACTACTAGATGGCGACTTAACAAGTGATCCTTCTT
 ACTTCCAGAATGTTACAGGATGTAGTAATTACTATAACTTTTTGCGGTGCACGGAACCTGAGGATCAGCT
 TTAATGTGAAATTTTTGTCACTCCCAGAGGTGAGACAAGCCATCCAGTGGGGAATCAGACTTTTAAT
 GATGGAATAAGTTGAAAAGTACTTGCAGAGAATACAGTACAGTCAAGTAAAGCATGGTTAACTGAAA
 TCATGAATAATTATAAGTTCTGATCTACAATGGCCAACTGGACATCATCGTGGCAGTGGCCTGACAGA
 GCGCTCCTTGATGGGCATGGACTGGAAGGATCCAGGAATACAAGAAGGCAGAAAAAAGTTTGGGAAG
 ATCTTTAAATCTGACAGTGAAGTGGCTGGTTACATCCGCAAGTGGGTGACTTCCATCAGGTAATTATTC
 GAGGTGGAGGACATATTTACCCTATGACCAGCCTCTGAGAGCTTTTGACATGATTAATCGATTCATTTA
 TGGAAAAGGATGGGATCCTTATGTTGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202336 protein sequence
 Red=Cloning site Green=Tags(s)

MVGAMWKVIVSLVLLMPGPCDGLFRSLYRSVSMPPKGDGSGQLFLTPYIEAGKIQKGRELSLVGPFPGLN
 MKSYAGFLT VNKTYNSNLF FWFPAQIQPEDAPVVLWLQGGPGGSSMFGLFVEHGPYVVTSNMTRLRDRDF
 PWTTTSLMLYIDNPVGTGFSFTDDTHGYAVNEDDVARDLYSALIQQFQIFPEYKNDFYVTGESYAGKYV
 PAIAHLIHSNPNVREVKINLNGIAIGDGYSDPESIGGYAEFLYQIGLLDEKQKKYFQKQCHECIEHIRK
 QNWFEAFEILDKLLDGLTSDPSYFQNVGTGCSNYNFLRCTEPEDQLYYVKFLSLPEVRQAIHVGNQTFN
 DGTIVEKYLREDTVQSVKPWLTEIMNMYKVLINYGQLDIIVAAALTERSLMGMDWKGSGEYKKAEEKVWK
 IFKSDSEVAGYIRQVGDFHQVIIRGGGHILPYDQPLRAFDMINRFIYGKGDWPYVG

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_031311

ORF Size:

1428 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_031311.3, NP_112601.2</u>
RefSeq Size:	1691 bp
RefSeq ORF:	1431 bp
Locus ID:	54504
UniProt ID:	<u>Q9H3G5</u>
Cytogenetics:	7p14.3
MW:	54.2 kDa