

Product datasheet for **MR230115A1V**

Mouse Cpv1 (NM_001289713) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cpv1 (NM_001289713) AAV Particle
Tag:	Myc-DDK
Symbol:	Cpv1
Synonyms:	4933436L16Rik; HVLP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR230115 representing NM_001289713
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTTCGTGCCAAGTGAAGATGGTTGTTTCACTGATCTTGTATGGTCAGCCCTGGTGATGGACTGT
 TTCATGCAGTATACCGAAGTATCCTTGTTCAGTCCTTCAAGGGGGATGCAGGACAGCCTCTTTTCT
 TAGCCCATACATCAAAAACGGGAAGATCAAGGAGGGGCAAGGAAGAGCATGGTCAGTCCGTTCCCTGGA
 ATGAACGACAAGAGTTATGCCGGCTACATCACGGTGAACCAGACTTACAACAGCAACCTCTTCTCTGGT
 TCTTCCGGCTCGGATGCAGCCTGAGGATGCCCGAGTAGTCTCTGGCTCAGGGTGGACCTGGAGGTTT
 ATCCATGTTTGGACTCTTTGTAGAACACGGGCCTTATATTATCACAAGTAACATGACCGTTGTGGCCAGA
 GACTTCCCTTGGACCTTTACCTTTCCATGCTCTACATTGATAATCCGGTGGGTACAGGCTTCAGCTTCA
 CCGATCATTTCCAGGGATACGCCACCAGCGAGGATGATGTAGCCCAAGACTTGTACAGTGCCTGATTCA
 GTTCTTACGTTGTTTCCCGAGTATGCAAAGAATGATTTTACGTCAGTGGCGAGTCTTATGCAGGGAAA
 TATGTTCCGGCCCTAGCACACTATATCCACTCCCTCAACCCCGTGCAGGAAGTTCAAGATTCGCCTAAAAG
 GAATTGCCATTGGAGATGCATACACTGATCCTGAATCGATTATAGGAGGGTATGCGGCATTCTATATGA
 AATTGGCTTGTGGATGAACAGCAGCAGAAGTACTTCCAGAAGCAGTGTAGCAAGTGCCTAAAATACATC
 AAAGAGCAGGAGTGGATGAAGGCCTTTGAAATCCTGGATAAGCTGCTAGATGGAGATGTAACTGGTT
 CATCTTCTTCCAGAATGTGACAGGATGTACCAATTACTACAACATTTTACAGTGCACGGAACCAAGGA
 GCAAAGTTACTTTGCAAAATCTTGACGCTCCCCAAGTGAGACAAGCCATCCAGTGGGAAACCAAGAAC
 TTCAGTGACGGTGCTGAGGTTGAGAAGCACCTGCGAGAGGACACAGTGAAGTCGGTGAAGCCCTGGCTGT
 CTGAGATCATGAATTACTACAAGTTCTCATCTACAATGGCCAACTGGACATCATCGTGGCGGCTGCCCT
 GACAGAGCGCTCCTTGATGGCCATGGACTGGAAGGGATCCCGAGCATACAGAAGGGCACGTCGAAAGGTC
 TGAAGATCTTCAAATCGGATAATGAAGTGGCTGGTTATGTGAGGCGTGTGGGCAAAATCCATCAGGTAA
 TCGTCCGAGGTGGAGGACACATTTTGCCTATGACCAGCCAATGAGATCTTTGATATGATCAATCGCTT
 CATCTATGACAGAGGATGGGAACCTTATAATTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MVRAKWKMMVSLILFMVSPGDGLFHAVYRSILVSQSFKGDAGQPLFLSPYIKNGKIKEGQRKSMVSPFPG
 MNDKSYAGYITVNQTYNSNLFFWFFPARMQPEDAPVVLWLQGGPGGSSMFGLFVEHGPYIITSNMTVVAR
 DFPWFTLSMLYIDNPVGTGFSFTDHFQGYATSEDDVAQDLYSALIQFFTLFPEYAKNDFYVTGESYAGK
 YVPALAHYIHSNLPVRKFKIRLKGIAIGDAYTDPEIIIGGYAAFLYEIGLLDEQQQKYFQKQCSKCVKYI
 KEQEWMKAIFEILDKLLDGDVTTGSSFFQNVGTCTNYNQLQCTEPKEQSYFAKFLTLQVVRQAIHVGNNQ
 FSDGAEVEKHLREDTVKSVKPLSEIMNYKVLINQGLDIIVAAALTERSLMAMDWKGSRAYRRARRKV
 WKIFKSDNEVAGYVRRVGKHFQVIVRGGHILPYDQPMRFSFDMINRFIYDRGWEPYNS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001289713

ORF Size:

1434 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_001289713.1, NP_001276642.1</u>
RefSeq Size:	1622 bp
RefSeq ORF:	1437 bp
Locus ID:	71287
UniProt ID:	<u>Q9D3S9</u>
Cytogenetics:	6 B3
MW:	54.8 kDa