

Product datasheet for **RC201469A1V**

Human CEP57 (NM_014679) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CEP57 (NM_014679) AAV Particle
Tag:	Myc-DDK
Symbol:	CEP57
Synonyms:	MVA2; PIG8; TSP57
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201469 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGCGCGCTCTGTCTCTGCGGCTTCTGGTTCTCACTTGTGCAACAGCTTTGCTGAGCCATCAAGGT
 CTAATGGAAGCATGGTTTCGGCATTCTTCATCTCCATATGTAGTATATCCTTCGGATAAGCCTTTCCTTAA
 TAGTGATCTACGACGCTCCCAAGTAAGCCTACACTTGCTATCCAGAAAGCAACAGCAGAGCCATATTT
 TCTGCTCTTAAGAATCTTCAAGATAAGATTCGACGCTTGAACCTGAGAGGATTCAGGCAGAAGAAAGTG
 TGAAAACCTTGTCTAGAGAAACAATTGAATATAAGAAAGTACTGGATGAACAGATACAAGAAAGGGAGAA
 TTCAAAGAATGAGGAATCAAAGCACAATCAAGAACTGACATCTCAGTTGTTAGCTGCAGAAAATAAATGC
 AATCTATTAGAAAAACAATTGGAATACATGCGAAATATGATAAAGCATGCCGAAATGGAGAGGACATCTG
 TCTTAGAGAAACAAGTTTCCCTAGAAAGAGAACGACAACATGATCAAACACATGTTTCAGAGCCAACTTGA
 AAAATTGGATCTTCTTGAACAGGAGTATAACAACTTACCACAATGCAGGCCCTTGCAGAAAAAAAATG
 CAAGAGTTGGAAGCAAACTCCATGAAGAAGAACAGGAAAGGAAACGCATGCAAGCTAAGGCAGCTGAGT
 TGCAGACTGGTCTAGAAACAAATAGACTTATCTTTGAAGATAAGGCAACTCCGTGTGTTCCCAATGCAAG
 AAGAATTAAGAAAAAGAGTCAAAACCACAGAAAAAGAAAGTTCTAGGAACTATTTTGGTGACAAACCA
 CATTATAGATTATGCTTGGGTGATATGCCATTTGTAGCTGGGAAGTCCACAAGCCCTAGCCATGCCGTGG
 TAGCCAATGTTTCAGCTTGTCTTGCATCTAATGAAGCAACACAGTAAAGCTTTGTGCAATGATCGAGTCAT
 CAACAGTATTCCTTTGGCAAAGCATCTTCCAGGAGTGGTAAAGTAAGAAGTTGTCAGTAACACCT
 CCCTCCTCCAACGGTATTAATGAGGAGTTGTCAGAAGTCTTACAGACTTACAGGATGAATTTGGGCAAA
 TGAGCTTTGATCACCAGCAGCTTGCAAACTTATCCAGGAGTCGCCAACCGTTGAAGTGAAGACAAAGTT
 GGAGTGTGAATTGGAGGCATTAGTGGGAAGGATGGAAGCAAAAGCCAACCAATAACTAAAGTTTCGAAAA
 TACCAAGCCCAGCTGGAGAAACAGAAGTTAGAGAAGCAGAAGAAGGAATTAAGGCTACCAAAAAGACTC
 TTGATGAAGAAAGAAACAGCAGCAGCCGTTCTGGAATCACAGGGACCACAAAAGAAAGATTTTATGAA
 ACTGAGACCTGGAGAAAAAGGAGAAAAATCTTCAGTTATTGAAGGACATGCAAGCATACAGAATTCA
 TTACAAAGCAGTAGTTTGTGTTGGGATTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201469 protein sequence
 Red=Cloning site Green=Tags(s)

MAAASVSAASGSHLSNSFAEPSRSNGSMVRHSSSPYVVYPSPDKPFLNSDLRRSPSKPTLAYPESNSRAIF
 SALKNLQDKIRRELERIQAEESVKTL SRETIEYKKVLDEQIERENSKNEESKHNLQELTSQLLAAENKC
 NLLEKQLEYMRNMIKHAEMERTSVLEKQVSLERERQHDQTHVQSLEKLDLLEQEYNKLTMMQALAEKKM
 QELEAKLHEEEQERKRMQAKAAELQTGLETNRLIFEDKATPCVPNARRIKKKSKPPEKKSSRNYFGAQP
 HYRLCLGDMPFVAGKSTSPSHAVVANVQLVLHLMKQHSKALCNDRVINSIPLAKQVSSRGGKSKKLSVTP
 PSSNGINEELSEVLQTLQDEFGQMSFDHQLAKLIQESPTVELKDKLECELEALVGRMEAKANQITKVRK
 YQAQLEKQKLEKQKELKATKKTLDERNSSSRSGITGTTNKKDFMKLRPGEKRRKNLQLLKDMQSIQNS
 LQSSSLCWDY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_014679

ORF Size:

1500 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_014679.3</u>
RefSeq Size:	3192 bp
RefSeq ORF:	1503 bp
Locus ID:	9702
UniProt ID:	<u>Q86XR8</u>
Cytogenetics:	11q21
MW:	57.1 kDa