

Product datasheet for **MR212387A1V**

Mouse Cfap45 (NM_027972) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cfap45 (NM_027972) AAV Particle
Tag:	Myc-DDK
Symbol:	Cfap45
Synonyms:	1700028D05Rik; Ccdc19; Nesg1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR212387 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGCCACTAAGGCCAGGGGATGCCTCAAGCTCTGCTTCCACCGCTTCCAACCGGTACGGACTAGGACTC
GCTATCGGACCAAGCCATGAACCTGAGGTAGACGAGAGCCTCTTTGGAGGTGTCAAGCCTTCATCCCA
GGGCAAGAGCGACAGCCCTATTGTGGTATCCATGATAAACACGCTATCCGGAAGCTCTCAGTGCTCTG
GGCTTGGAGCACAAGACGGAGACGATCCAGCTCATCTAGAGACATGGTCAGAGAACTATTGTCCCA
CAGAGGACCCCTCTGGGGAATCGCTAATCATCAGCCCCGAGGAGTTTGAGCGGATCAAATGGGCATCCCA
AGTCCTGACCAAAGAAGAACTGAATGCCAGAGAACAGGCCCTCAAGAAGGAGAAGGAAGGCATCTTGAA
GCCGTCACAATTCGAAGAAGATTATGAAGCAGAAGGAGATGACTTGAACAATAACAAGAAGCTCAGTG
ACCTGGAGGAGGTGGCCAGGGAACGGGCCAGAACCTCCTGCAGAGAGCCGACAAGCTCCGTATGGAGCA
GGAGGAGGAGCTCAAGGACATGAGCAAGATTATTCTGAATGCCAAGTGCCACGCAATCCGGGATGCCAG
ATTCTGGAGAAGCAGCAGATACAAAAGGAATTGGATGAAGAGGAGAGGCGGTTGGATCACATGATGGAAA
TAGACCGGCGGGAATCCCTCAAAGGCAGGAGGATCGGGAAGGAAAAGGAGGGAGGAGAGTACGGGG
AAAACGGCACATCGTGGAGCAGATAAAGAAGAACGAGGAGGAGAGATCGCTGCAGGCGGAGCACCGTGAA
CAGGAGAAGGAGCAGATGCTGGCCTACCTGGACCGGCTCCAGGAGGAGGATTTGCAGGATCTGGAACGAA
GACATCAGGAAAACTGAAGATGCAAGCTGAAATTAACGTATCAACGATGAAAACAGAGACAGAAAGC
AGAGATGCTGGCAGGAGAGACTGGCAGACCAGATGGTGATGGAATTTACCAAGAAGAAGATGGCTCGA
GAGGCAGAGTATGAAGCTGAGCAGGAGAAAAATCCGAGGGAGAAAAGAGAAGGAGATCGCCCGCTGAGGG
CCTTGCAGGAGAAGGCGCAGGATTATCAAGCAGAGCAGGATGCCTTGGGGCCAAAGCGCAACAGGAGGT
TGCAGATCGAGAGTGGCGTCGAAAGGAAAAGGAAAATGCGCAGAAGAAGATAGAGACAGAGGAAAAGCTG
CGCAAAAGCCGGCTGGAGCAGGTGGCATTCAAGGAACACACGCTGGCCGTTTCAAGTTTCAAGCTGACCGAG
ATGAGTTTCAGAGGATCCTTCGGGCTCAGAGAGCAGATTGAGAGGGAGAAGCAGGAACAGGAGAAGAA
AGCCAAGGGTGCCTCCAGCATGCCAACGAGCTCCGACGGCAGGTGCGTGAGAACCAGCAGAAACACGTG
CAGAACCGGCTCGCTACCTTCGAAGAGGGCCGCCGCTCAAGGAGGAAGCCGAGAAGCGCCGCGAGCGCA
TCGAGGACATCAAGAAACAGAAGCTGGAAGAGCTGAGAGCCACCGGCTTCTGAGAAGTACTGCATCGA
AGTTGAGCGTAAAGCCAACATCCTGCCAGCCACTTCTGTAAAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR212387 protein sequence

Red=Cloning site Green=Tags(s)

 MPLRPGDASSASTASNRSTRTRYRTKAMNSEVDESLFGGVKPSSQGS DSPIVVIHDKHAIRKTL SAL
GLEHKTETIQLITRDMVRELIVPTEDPSGESLIISPEEFERIKWASQVLKEELNAREQALKKEGILE
AVTIRKKIMKQKEMTWNNKKLSDL EEVARERAQNLLQ RADKL RMEQEEELK DMSKIILNAKCHAIRDAQ
ILEKQIQKELDEEERRLDHMEIDRRSLQRQEDRRKRREERVGRKHIVEQIKKNEEERSLQAEHRE
QEKEQMLAYLDRLQEEDLQDLERRHQELKMQAEIKRINDENQRQKAEMLAQERLADQMVFETKKKMAR
EAEYEAQEKEIRREKEKEIARLRALQEKAQDYQAEQDALRAKRNQEVADREWRRKEKENAQKKIETEEKL
RKSRLEQVAFKEHTLAVQVQRDRDEFERILRAQREQIEREKQEKEKKAGCLQHANELRRQVRENQKQHV
QNRLATFEGRRLKEEA EKRRIEDIKKQKLEELRATGLPEKYCIEVERKANILPATSVN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_027972

ORF Size:	1653 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_027972.1, NP_082248.1</u>
RefSeq Size:	1822 bp
RefSeq ORF:	1656 bp
Locus ID:	71870
Cytogenetics:	1 79.91 cM
MW:	65.8 kDa