

Product datasheet for **RC211052A1V**

Human CTU2 (NM_001012759) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	CTU2
Synonyms:	C16orf84; MFRG; NCS2; UPF0432
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC211052 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGTGAGGTGGCGGAGGACTACGGGAGCGCGCCTGAGGAGCCGCCCCGGCGCCGCGGCCAGCC
 GTGAGCAGAAGTGTGTGAAGTGAAGGAAGCGCAGCCGTTGTGGTGATACGAGCCGAGATGCCTTCTG
 CAGGGACTGTTTCAAGGCCTTCTACGTCCACAAGTTACAGAGCCATGCTGGGCAAGAACCGGCTCATCTTT
 CCAGGCGAGAAGGTGCTCTTGGCGTGGTCTGGGGGGCCTTCGTCCAGCTCCATGGTCTGGCAGGTTCTTG
 AGGGCCTGAGCCAAGATTCTGCCAAAAGACTGCGCTTTGTGGCAGGAGTCATCTTTGTTGACGAGGGAGC
 AGCCTGTGGCCAGAGCCTAGAGGAGAGATCAAAGACCCTGGCCGAAGTGAAGCCATTCTGCAAGCAACT
 GGGTTCCTATGGCATGTGGTGGCCTTAGAGGAGGTCTTCAGCCTGCCACCGTCGGTGTCTTGGTGTCTG
 CCCAGGAGCTGGTGGGATCCGAGGGGGCCTACAAGGCGGCCGTGGACAGCTTCTCCAGCAGCAGCATGT
 GCTGGGGGCGGGGGTGGTCTGGCCCGACTCAAGGGGAGGAACAGCCACCCAGCCCCCGCTGGACCCC
 CAGAACCTGGCAAGACCGCCTGCCCTGCCAGACTGAGGCTCTTCCCAACTGTTCTGCTCAGTGAGGA
 CACTGACTGCCAAGGAGGAGCTTCTGCAGACCCTGCGGACCCACCTGATCTCCACATGGCCCGAGCCCA
 CGGCTACTCCAAGTTCATGACTGGGGACAGCTGCACACGTTGGCTATCAAGCTCATGACCAACCTGGCG
 CTGGGTCGAGGGGCTTCTGGCCTGGGATACGGGCTTCTCGGATGAGCGGCACGGGACGTGGTGGTGG
 TCGGGCCCATGCGGGACCACACCCTGAAGGAGGTGCTTTCTACAACCGCTGTTCTCCGTTCTTCTGT
 CTTACACACAGCCGTCGACACCAAGGCCCTGAAAAGGCCAGCATCCACCGGCTGATGGAGGCTTCATC
 CTCAGGCTGCAGACCCAGTCCCTCCACTGTCAGCACTGTGTACAGGACAAGTGAAGCTGGTGAAGG
 GCCCCCGGATGGCCCTGCTGCTGGCGACTCCGGCCCCGCTGCCCTCTGCACTGTGTGCCCTGGACGT
 CGACGCGCTGACAGTGCCACGGCTTTTGGGGCTCAGACCTCCTCGCTCTCTCCAGATGCAGTCAACC
 ATCCCCCTGACTGAGACCCGGACACCCCGGGGCCCTGCTGTTCTCCAGGGGTGGGCTGGGCCACGCGT
 GCGGCCAGGGGGCTGCAGGAGGGAGGACCCCAAGCTGCATTGAGGAGCAGCTGTGCTACAGCTGCCG
 CGTGAACATGAAGGACTTGCCCTACTGGACCCCTGCCCGCTACATCTGGCTGAGGCCAGCTCCGC
 ACACAGAGGGCTGGGGCTTGACAGAGATCCGGGACTGTCTGATTGAGGACAGTGACGACGAGGCGGGCC
 AGAGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC211052 protein sequence
 Red=Cloning site Green=Tags(s)

MCQVGEDYGEPAPEPPAPRPSREQKCVKCKEAQPVVIRAGDAFCRDCFKAIFYVHKFRAMLGKNRLIF
 PGEKVLLOWSGPSSSSMVWQVLEGLSQDSAKRLRFVAGVIFVDEGAACGQSLEERSKTLAEVKPILQAT
 GFPWHVVALEEVSFSLPPSVLWCSAQELVGSEGAAYKAVDLSFLQQHVLGAGGGPGPTQGEEQPPQPLDP
 QNLARPPAPAQTEALSQFLCSVRTLTAKELLQTLRTHLILHMARAHGYSKVMGDSCTRLAIKLMTNLA
 LGRGAFLAWDTGFSDERHGDVVVVRPMRDHTLKEVAFYNRLFVSPSVFTPAVDTKAPEKASIHRLMEAFI
 LRLQTQFPSTVSTVYRTSEKLKVGPRDGPAAAGDSGPRCLLCMCALDVDAADSATAFGAQTSSRLSQMQSP
 IPLTETRTPPGCCSPGVGWAQRGQGACRREDPQACIEEQLCYSCRVMKDLPSLDPLPPYILAEQRLR
 TQRAWGLQEIRDCLIEDSDDEAGQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001012759
ORF Size: 1545 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:	NM_001012759.1
RefSeq Size:	1740 bp
RefSeq ORF:	1548 bp
Locus ID:	348180
UniProt ID:	Q2VPK5
Cytogenetics:	16q24.3
MW:	56.1 kDa