

Product datasheet for **RC214313A1V**

Human CTU2 (NM_001012762) 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: >RC214313 representing NM_001012762
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTGTCAGGTGGGCGAGGACTACGGGAGCCGGCGCCTGAGGAGCCGCCCCGGCGCCGGCCAGCC
 GTGAGCAGAAGTGTGTGAAGTGAAGGAAGCGCAGCCGTTGTGGTGATACGAGCCGGAGATGCCTTCTG
 CAGGGACTGTTTCAAGGCCCTTCTACGTCCACAAGTTCAGAGCCATGCTGGGCAAGAACCGGCTCATCTTT
 CCAGGCGAGAAGGTGCTCTTGGCGTGGTCTGGGGGGCCTTCGTCCAGCTCCATGGTCTGGCAGGTTCTTG
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 AGCCTGTGGCCAGAGCCTAGAGGAGAGATCAAAGACCCGTGGCCGAAGTGAAGCCATTCTGCAAGCAACT
 GGGTTCCTATGGCATGTGGTGGCCTTAGAGGAGGTGTTAGCCTGCCACCGTCGGTGTCTTGGTGTCTG
 CCCAGGAGCTGGTGGGATCCGAGGGGGCCTACAAGGCGGCCGTGGACAGCTTCTCCAGCAGCAGCATGT
 GCTGGGGCCGGGGTGGTCTGGCCCGACTCAAGGGGAGGAACAGCCACCCAGCCCCCGCTGGACCCC
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 CACTGACTGCCAAGGAGGAGCTTCTGCAGACCCGTGCGGACCCACCTGATCTCCACATGGCCCGAGCCCA
 CGGCTACTCCAAGTTCATGACTGGGGACAGCTGCACACGCTTGGCTATCAAGCTCATGACCAACCTGGCG
 CTGGGTCGAGGGGCTTCTGGCCTGGGATACGGGCTTCTCGGATGAGCGGCACGGGACGTGGTGGTGG
 TCGGGCCCATGCGGGACACACCTGAAGGAGGTGCTTTCTACAACCGCTGTTCTCCGTTCTTCTGT
 CTTACACACAGCCGTCGACACCAAGGCCCTGAAAAGGCCAGCATCCACCGGCTGATGGAGGCTTCATC
 CTCAGGCTGCAGACCCAGTTCCTTCCACTGTCAGCACTGTGTACAGGACAAGTGAAGCTGGTGAAGG
 GCCCCCGGATGGCCCTGCTGCTGGCGACTCCGGCCCCGCTGCCCTCTGCACTGTGTGCCCTGGACGT
 CGACGCGCTGACAGTGCCACGGCTTTTGGGGCTCAGACCTCCTCGCTCTCTCCAGATGCAGTCAACC
 ATCCCCCTGACTGAGACCCGGACACCCCGGGGCCCTGCTGTTCTCCAGGGGTGGGCTGGGCCACGCGCT
 GTGGCCAGGGGGCTGCAGGAGGGAGGACCCCAAGCTGCATTGAGGAGCAGCTGTGCTACAGCTGCCG
 CGTGAACATGAAGGACTTGGGCTGGGGCTTGCAGGAGATCCGGGACTGTCTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC214313 representing NM_001012762
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MCQVGEDYGEPAPEEPPAPRPSREQKCVKCKEAQPVVIRAGDAFCRDCFKAFYVHKFRAMLGKNRLIF
 PGEKVLLAWSGGPSSSSMVWQVLEGLSQDSAKRLRFVAGVIFVDEGAACGQSLERSKTLAEVKPILQAT
 GFPWHVVALEEVFSLPPSVLWCSAQELVGSEGAYKAAVDSFLQQQHVLGAGGGPGPTQGEEPPQPPLDP
 QNLARPPAPAQTEALSQLFCSVRTLTAKEELLQTLRTHLILHMARAHGYSKVMTGDSCTRLAIKLMTNLA
 LGRGAFLAWDTGFSDERHGDVVVRPMRDHTLKEVAFYNRLFVSPSVFTPAVDTKAPEKASIHRLMEAFI
 LRLQTQFPSTVSTVYRTSEKLVKGPRDGPAAAGDSGPRCLLCMCALDVDAADSATAFGAQTSSRLSQMQSP
 IPLTETRTPPGPCSPGVGWAQRGQGACRREDPQACIEEQLCYSCRNVNMDLGLGLAGDPGLSD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001012762

ORF Size: 1455 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_001012762.1
RefSeq Size:	1681 bp
RefSeq ORF:	1458 bp
Locus ID:	348180
UniProt ID:	Q2VPK5
Cytogenetics:	16q24.3
MW:	52.3 kDa