

Product datasheet for **RC225970A1V**

Human CDC7 (NM_001134420) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	CDC7
Synonyms:	CDC7L1; HsCDC7; Hsk1; huCDC7
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225970 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGCGTCTTTGGGGATTGAGTGGATGAGCCAATGGCTTTTTCTCCCAGCGTGACCGTTTCAGG
CTGAAGGCTCTTTAAAAAAAACGAGCAGAATTTTAAACTTGCAGGTGTTAAAAAGATATTGAGAAGCT
TTATGAAGCTGTACCACAGCTTAGTAATGTGTTAAGATTGAGGACAAAATTGGAGAAGGCACCTTTCAGC
TCTGTTTATTTGGCCACAGCAGTTACAAGTAGGACCTGAAGAGAAAATTGCTCTAAAACACTTGATTC
CAACAAGCATCCTATAAGAATTGCAGTGAACCTCAGTGCCTAACAGTGGCTGGGGGCAAGATAATGT
CATGGAGTTAAATACTGCTTTAGGAAGAATGATCATGTAGTTATTGCTATGCCATATCTGGAGCATGAG
TCGTTTTTGGACATTCTGAATTCCTTTCTTTCAAGAAGTACGGGAATATATGCTTAATCTGTTCAAAG
CTTTGAAACGCATTCATCAGTTTGGTATTGTTCCACCGTATGTTAAGCCAGCAATTTTTTATATAATAG
GCGCCTGAAAAGTATGCCTTGGTAGACTTTGGTTTGGCCCAAGGAACCATGATACGAAAATAGAGCTT
CTTAAATTTGTCCAGTCTGAAGCTCAGCAGGAAAAGGTTCACAAAACAAATCCACATAATCACAGGAA
ACAAGATCCACTGAGTGGCCAGTACCTAAGGAGCTGGATCAGCAGTCCACCACAAAAGCTTCTGTTAA
AAGACCCTACAAAATGCACAAATTCAGATTAACAAGGAAAAGACGGAAAAGGAGGATCTGTAGGCCTT
TCTGTCCAGCGCTCTGTTTTGGAGAAAAGAAATTTCAATATACACAGCTCCATTTACATGAGAGCCCTG
CAGTGAAACTCATGAAGCAGTCAAAGACTGTGGATGTACTGTCTAGAAAAGTTAGCAACAAAAGAAAGGC
TATTTCTACAAAAGTTATGAATAGTGTGTGATGAGGAAAAGTCCAGTCTTCCAGCTAGCCTGACC
TGTGACTGCTATGCAACAGATAAAGTTTGTAGTATTTGCCTTTCAAGGCGTCAGCAGTTGCCCTAGGG
CAGGTACACCAGGATTCAGAGCACCAGAGTCTTGACAAAAGTCCCAATCAAACACAGCAATTGACAT
GTGGTCTGCAGGTGCATATTTCTTTCTTTGCTTAGTGGACGATATCCATTTTATAAAGCAAGTATGAT
TTAACTGCTTTGGCCAAATATGACAATTAGGGGATCCAGAGAAACTATCCAAGCTGCTAAAACCTTTG
GGAAATCAATATTATGTAGCAAAGAAGTCCAGCACAAGACTTGAGAAAAGTCTGTGAGAGACTCAGGGG
TATGGATTCTAGCACTCCCAAGTTAACAAGTATACAAGGCAATGCTTCTCATCAACCAGCTATTTCA
GAGAAGACTGACCATAAAGCTTCTTGCCTCGTTCAAACACCTCCAGGACAATACTCAGGGAATTCATTTA
AAAAGGGGATAGTAATAGCTGTGAGCATTGTTTTGATGAGTATAATACCAATTTAGAAGGCTGGAATGA
GGTACCTGATGAAGCTTATGACCTGCTTGATAAACTTCTAGATCTAAATCCAGCTTCAAGAATAACAGCA
GAAGAAGCTTTGTTGCATCCATTTTTAAAGATATGAGCTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225970 protein sequence
Red=Cloning site Green=Tags(s)

MEASLGIQMDEPMAFSPQRDRFQAEGLKKNQNFKLAGVKKDIEKLYEAVPQLSNVFKIEDKIGEGTFS
SVYLATAQLQVGPPEEKIALKHLIPTSHPIRIAELQCLTVAGGQDNVMGVKCYFRKNDHVVIAMPYLEHE
SFLDILNLSFQEVREYMLNLFKALKRIHQFGIVHRDVKPSNFLYNRRLKKYALVDFGLAQGTHDTKIEL
LKFVQSEAQQERCSQNKSHIITGNKIPLSGPVPKELDQSTTKASVKRPYTNAQIQIKQGDGKEGVSGL
SVQRSVFGERNFNIHSSISHESPAVKLMKQSKTVDVLSRKLATKKKAISTKVMNSAVMRKTASSCPASLT
CDCYATDKVCSICLSRRQVAPRAGTPGFRAPEVLTKCPNQTTAIDMWSAGVIFLSLLSGRYPFYKASDD
LTALAQIMTIRGSRETIQAAKTFGKSILCSKEVPAQDLRKLCELRGMDSSPKLTSDIQGHASHQPAIS
EKTDHKASCLVQTPPGQYSGNSFKGDSNSCEHCFDEYNTNLEGWNEVPDEAYDLLDKLLDNPASRITA
EALLHPFFKMSL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001134420

ORF Size:	1722 bp
Buffer:	PBS with 0.001% Pluronic F8901
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_001134420.1</u> , <u>NP_001127892.1</u>
RefSeq Size:	3316 bp
RefSeq ORF:	1725 bp
Locus ID:	8317
UniProt ID:	<u>O00311</u>
Cytogenetics:	1p22.1
MW:	63.9 kDa