

## Product datasheet for **RC225969A1V**

### Human CDC7 (NM\_001134419) AAV Particle

#### Product data:

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



**ORF Nucleotide Sequence:** >RC225969 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGGCGTCTTTGGGGATTGAGTGGATGAGCCAATGGCTTTTTCTCCCAGCGTGACCGTTTCAGG  
 CTGAAGGCTCTTTAAAAAAAACGAGCAGAATTTTAAACTTGCAGGTGTTAAAAAGATATTGAGAAGCT  
 TTATGAAGCTGTACCACAGCTTAGTAATGTGTTTAAAGATTGAGGACAAAATTGGAGAAGGCCTTTCAGC  
 TCTGTTTATTTGGCCACAGCACAGTTACAAGTAGGACCTGAAGAGAAAAATTGCTCTAAAACACTTGATTC  
 CAACAAGCATCCTATAAGAATTGCAGTGAACCTCAGTGCCTAACAGTGGCTGGGGGCAAGATAATGT  
 CATGGAGTTAAATACTGCTTTAGGAAGAATGATCATGTAGTTATTGCTATGCCATATCTGGAGCATGAG  
 TCGTTTTTGGACATTCTGAATTCCTTTTCAAGAAGTACGGGAATATATGCTTAATCTGTTCAAAG  
 CTTTGAACGCATTTCAGTTTGGTATTGTTCCACCGTATGTTAAGCCAGCAATTTTTTATATAATAG  
 GCGCCTGAAAAAGTATGCCTTGGTAGACTTTGGTTTGGCCCAAGGAACCATGATACGAAAAATAGAGCTT  
 CTTAAATTTGTCCAGTCTGAAGCTCAGCAGGAAAAGGTTCACAAAACAAATCCACATAATCACAGGAA  
 ACAAGATCCACTGAGTGGCCAGTACCTAAGGAGCTGGATCAGCAGTCCACCACAAAAGCTTCTGTTAA  
 AAGACCCTACAAAATGCACAAATTCAGATTAACAAGGAAAAGACGGAAAAGGAGGATCTGTAGGCCTT  
 TCTGTCCAGCGCTCTGTTTTGGAGAAAGAAATTTCAATATACACAGCTCCATTTACATGAGAGCCCTG  
 CAGTGAAACTCATGAAGCAGTCAAAGACTTGGATGTACTGTCTAGAAAAGTAGCAACAAAAAGAAAGGC  
 TATTTCTACAAAAGTTATGAATAGTGTGTGATGAGGAAAAGTCCAGTCTTCCAGCTAGCCTGACC  
 TGTGACTGCTATGCAACAGATAAAGTTTGTAGTATTTGCCTTTCAAGGCGTCAGCAGTTGCCCTAGGG  
 CAGGTACACCAGGATTCAGAGCACCAGAGTCTTGACAAAAGTCCCAATCAAACACAGCAATTGACAT  
 GTGGTCTGCAGGTGCATATTTCTTTCTTGTCTAGTGGACGATATCCATTTTATAAAGCAAGTATGAT  
 TTAAGTCTTTGGCCAAATATGACAATTAGGGGATCCAGAGAAACTATCCAAGCTGCTAAAACCTTTG  
 GGAAATCAATATTATGTAGCAAAGAAGTCCAGCACAAGACTTGAGAAAACCTGTGAGAGACTCAGGGG  
 TATGGATTCTAGCACTCCCAAGTTAACAAGTATACAAGGCGATGCTTCTCATCAACCAGCTATTTCA  
 GAGAAGACTGACCATAAAGCTTCTTGCCTCGTTCAAACACCTCCAGGACAATACTCAGGGAATTCATTTA  
 AAAAGGGGATAGTAATAGCTGTGAGCATTGTTTTGATGAGTATAATACCAATTTAGAAGCTGGAATGA  
 GGTACCTGATGAAGCTTATGACCTGCTTGATAAACTTCTAGATCTAAATCCAGCTTCAAGAATAACAGCA  
 GAAGAAGCTTTGTTGCATCCATTTTTAAAGATATGAGCTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC225969 protein sequence  
 Red=Cloning site Green=Tags(s)

MEASLGIQMDEPMAFSPQRDRFQAEGLKKNQNFKLAGVKKDIEKLYEAVPQLSNVFKIEDKIGEGTFS  
 SVYLATAQLVGPPEEKIALKHLIPTSHPIRIAELQCLTVAGGQDNVMGVKCYFRKNDHVVIAMPYLEHE  
 SFLDILNLSFQEVREYMLNLFKALKRIHQFGIVHRDVKPSNFLYNRRLKKYALVDFGLAQGTHDTKIEL  
 LKFVQSEAQQERCSQNKSHIITGNKIPLSGPVPKELDQSTTKASVKRPYTNAQIQIKQGDGKEGVSGL  
 SVQRSVFGERNFNIHSSISHESPAVKLMKQSKTVDVLSRKLATKKKAISTKVMNSAVMRKTASSCPASLT  
 CDCYATDKVCSICLSRRQVAPRAGTPGFRAPEVLTKCPNQTTAIDMWSAGVIFLSLLSGRYPFYKASDD  
 LTALAQIMTIRGSRETIQAAKTFGKSILCSKEVPAQDLRKLCELRGMDSSPKLTSDIQGHASHQPAIS  
 EKTDHKASCLVQTPPGQYSGNSFKGDSNSCEHCFDEYNTNLEGWNEVPDEAYDLLDKLLDNPASRITA  
 EEALLHPFFKMSL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_001134419

<b>ORF Size:</b>	1722 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F8900
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001134419.1</a> , <a href="#">NP_001127891.1</a>
<b>RefSeq Size:</b>	3188 bp
<b>RefSeq ORF:</b>	1725 bp
<b>Locus ID:</b>	8317
<b>UniProt ID:</b>	<a href="#">O00311</a>
<b>Cytogenetics:</b>	1p22.1
<b>MW:</b>	63.9 kDa