

Product datasheet for **RC201657A1V**

Human CDT1 (NM_030928) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CDT1 (NM_030928) AAV Particle
Tag:	Myc-DDK
Symbol:	CDT1
Synonyms:	DUP; RIS2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201657 representing NM_030928
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGCAGCGCCGCTACCGACTTCTTCGCGCGCCCGCCCGCCCGGCCCCCGCATCGCGCCGCCA
 AGCTGGCTGCCGACCCCCAGCCCCGCCAGGCCCGCACTCCGCGCCCCGGCCTCCGCTACCAAGTGGCAG
 CCGCAAGCGCGCCCGCCCGCCCGCCCGCCCGGACGCGACCGAGGCCAGGCCACCGGCCCGCAGGAGACTG
 CGGCTGTGGTGGACGAGGTTTCCAGCCCCAGTACCCCCGAGGCCCGCAGACATCCAGCCTGCCCTTCTC
 CGGGCCAGAAGATAAAGAAATCCACCCCGCAGCAGGTGAGCCGCCACCTGACATCCGCGCAGGACCA
 GGACACCATCTCTGAGCTTGCCTCATGCCTGCAACGGGCGGGAGCTGGGGCAAGAGTCCGGGCGCTG
 AAGGCCAGTGCCCAGGATGCTGGGGAGTCTGCACCCAGAGGCCGAGGCCGCCCTGAGGAGCCATGTG
 GCGAGAAGGCGCCCGCTACCAGCGCTTCCATGCCCTGGCCAGCCCGGCTGCCGGGACTCGTGTGCC
 CTACAAGTACCAGGTGCTGGCGGAGATGTTCCGACGATGGACACCATCGTGGGATGCTCCACAACCGC
 TCCGAGACGCCACCTTTGCCAAGGTCCAGCGGGCGTCCAGGACATGATGCGTAGGCGTTTTGAGGAGC
 GCAATGTTGGCAGATCAAAACCGTGTACCCGGCTCCTACCGCTTCCGCCAGGAGCGCAGTGTCCCCAC
 CTTCAAGGATGGCAGCAGGAGGTGAGTACCAGCTCACCATCGAGCCACTGCTGGAGCAGGAGGCTGAC
 GGAGCAGCCCCCAGCTCAGGCCTCGCGCTCCTGCAGCGACGGCAGATCTTCAGCCAGAAGCTGGTGG
 AGCAGCTCAAGGAGCACCACAAGGCCTTCTGGCTCCCTGAGCCCCGCCATGGTGGTCCCGGAGGACCA
 GCTGACCCGCTGGCACC CGCGCTTCAACGTGGATGAAGTACCCGACATCGAGCCGGCCGCGCTGCCCCAG
 CCACCCGCCACGAGAAGCTCACCAGTCTCAGGAGGTGCTGGCCCGGGCCGCAACCTGATTTACCCCA
 GGATGGAGAAGCCTTGAGTCAATTGGCCCTGCGCTCTGCTGCGCCAGCAGCCCGGGTCTCCAGGCC
 AGCACTGCCGGCTACCCACCGACCCACCCCGCTGCAGCCTCTCCAGTGTCTGAAGGGGGTGTCCAG
 GATCTGCTGGAGCGGATCCGAGCCAAGGAGGCACAGAAGCAGCTGGCACAGATGACGCGGTGCCCGGAGC
 AGGAGCAGCGGCTGCAGCGCTTAGAACGGCTGCCTGAGCTGGCCCGCGTGTGCGGAGCGCTTTGTGTG
 CGAACGCAAGCCTGCGCTCAGCATGGAGGTGGCTGTGCCAGGATGGTGGGAGCTGTTGTAATCATG
 AGCCCTGGGAAATGGAGAAGCACCTGCTGCTCTCCGAGCTGCTGCCGAGTGGCTCAGCCTCCACC
 GCATCCGACCGACACCTACGTCAAGCTGGACAAGGCCGCGGACCTCGCCACATCACTGCACGCTGGC
 CCACCAGACAGTGTGAGGAGGGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEQRRVTDFFARRRPGPPRIAPPKLACRTPSPARPALRAPASATSGSRKRARPPAAPGRDQARPPARRRL
 RLSVDEVSSPSTPEAPDIPACPSPGQIKKSTPAAGQPPHL TSAQDQDTISELASCLQRARELGARVRAL
 KASAQDAGESCTPEAEGRPEEPCGEKAPAYQRFHALAQPLPGLVLPYKYQVLAEMFRSMDTIVGMLHNR
 SETPTFAKVQRGVQDMMRRRFEERNVGIKTVYPASYRFRQERSVPTFKDGTTRSDYQLTIEPLLEQEAD
 GAAPQLTASRLLQRRQIFSQKLVEHVKEHHKAFSLSPAMVVPEDQLTRWHPRFNVDEVPDIEPAALPQ
 PPATEKLTAAQEVLARARNLISPRMEKALSQLALRSAAPSSPGSPRPALPATPPATPPAASPSALKGVSSQ
 DLLERIRAKEAQKQLAQMTRCPEQEQLRLRLPELARVLSVFSERKPAISMEVACARMVGSCTIM
 SPGEMEKHLLLSSELLPDWLSLHRIRTDTYVKLDAADLAHITARLAHQTRAEEGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_030928

ORF Size:	1638 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_030928.2</u>
RefSeq Size:	2742 bp
RefSeq ORF:	1641 bp
Locus ID:	81620
UniProt ID:	<u>Q9H211</u>
Cytogenetics:	16q24.3
MW:	60.2 kDa