

Product datasheet for **RC214858A1V**

Human RTCD1 (RTCA) (NM_003729) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RTCD1 (RTCA) (NM_003729) AAV Particle
Tag:	Myc-DDK
Symbol:	RTCD1
Synonyms:	RPC; RTC1; RTCD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214858 representing NM_003729 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGGGCGCGGGTGGAGGTGATGGCAGCATCATGGAAGGGGGCGGCCAGATCCTGAGAGTCTCTA
CGGCCTTGAGCTGTCTCCTAGGCCTCCCTTGCAGGTGCAGAAGATCCGAGCCGGCCGGAGCACGCCAGG
CCTGAGGCCTCAACATTTATCTGAGCTGGAATGATTCGAGATTTGTGTGATGGGCAACTGGAGGGGCA
GAAATTGGCTCAACAGAAATAACCTTTACACCAGAGAAGATCAAAGGTGGAATCCACACAGCAGATACCA
AGACAGCAGGGAGTGTGCTCTTGTGATGCAGTCTCAATGCCGTGTCTCTTTGCTGCTTCTCCATC
AGAACTTCATTTGAAAGGTGGAATAATGCTGAAATGGCACCACAGATCGATTATACAGTGATGGTCTTC
AAGCCAATTGTTGAAAAATTTGTTTCATATTTAATTGTGACATTAACAAGGGGATATTACCCAAAAG
GGGGTGGTGAAGTGATTGTTGCAATGTCACCAAGTTAAACAATTGAACCTATAAAATTTAACTGAGCGTGG
CTGTGTGACTAAGATATATGGAAGAGCTTTCGTTGCTGGTGTTCGCAATTAAGTAGCAAAAGATATG
GCAGCGGCAGCAGTTAGATGCATCAGAAAGGAGATCCGGGATTTGTATGTTAACATCCAGCCTGTTCAAG
AACCTAAAGACCAAGCATTGGAATGGAATGGAATAATAATTATTGCTGAGACCTCCACTGGCTGTTT
GTTTGTGGATCATCGCTTGGTAAACGAGGTGTAATGCAGACAAAGTTGGAATTGAAGCTGCCGAAATG
CTATTAGCAAATCTAGACATGGTGGTACTGTGGATGAGTATCTGCAAGACCAGCTGATTGTTTTCATGG
CATTAGCAATGGAGTTTCCAGAATAAAACAGGACGATTACACTCCATACGCAAAACCGCGATACATTT
TGCTGAACAAATAGCAAGGCTAAATTTATTGTGAAGAAATCAGAAGATGAAGAAGACGCCGCTAAAGAT
ACTTATATTATTGAATGCCAAGGAATTGGGATGACAAATCCAAATCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC214858 representing NM_003729 Red=Cloning site Green=Tags(s) MAGPRVEVDGSGIMEGGGQILRVSTALSCLLGLPLRVQKIRAGRSTPGLRPQHLSGLEMIRDLCDGQLEGA EIGSTEITFTPEKIKGGIHTADTKTAGSVCLLMQVSMPCVLF AASPSELHLKGGTNAEMAPQIDYTMVF KPIVEKFGFIFNCDIKTRGYYPKGGGEIVRMSPVKQLNPINL TERGCVTKIYGRAFVAGVLPFKVAKDM AAAAVRCIRKEIRDLYVNIQPVQEPKDQAFGNGNGIIIIAETSTGCLFAGSSLGKRGVNADKVGIEAAEM LLANLRHGGTVDEYLQDQLIVFMALANGVSRIKTGPVTLHTQTAIHFAEQIAKAKFIVKKSEDEEDAARD TYIIECQGIGMTNPNL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003729
ORF Size:	1098 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_003729.1
RefSeq Size:	1539 bp
RefSeq ORF:	1101 bp
Locus ID:	8634
UniProt ID:	O00442
Cytogenetics:	1p21.2
MW:	39.2 kDa