

Product datasheet for **RC213298A1V**

Human APE1 (APEX1) (NM_080649) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human APE1 (APEX1) (NM_080649) AAV Particle
Tag: Myc-DDK
Symbol: APE1
Synonyms: APE; APE1; APEN; APEX; APX; HAP1; REF1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC213298 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCGAAGCGTGGGAAAAAGGGAGCGGTGGCGGAAGACGGGGATGAGCTCAGGACAGAGCCAGAGGCCA
AGAAGAGTAAGACGGCCGCAAAGAAAAATGACAAAGAGGCAGCAGGAGAGGGCCAGCCCTGTATGAGGA
CCCCCAGATCAGAAAACCTCACCCAGTGGCAAACCTGCCCACTCAAGATCTGCTCTTGGAAATGTGGAT
GGGCTTCGAGCCTGGATTAAGAAGAAAGGATTAGATTGGGTAAGGAAGAAGCCCCAGATATACTGTGCC
TTCAAGAGACCAAATGTTTCAGAGAACAACCTACCAGCTGAACCTCAGGAGCTGCCTGGACTCTCATCA
ATACTGGTCAGCTCCTTCGGACAAGGAAGGGTACAGTGGCGTGGGCTGCTTTCCCGCCAGTGCCCACTC
AAAGTTTCTTACGGCATAGGCGATGAGGAGCATGATCAGGAAGGCCGGGTGATTGTGGCTGAATTTGACT
CGTTTGTGCTGGTAACAGCATATGTACCTAATGCAGGCCGAGGTCTGGTACGACTGGAGTACCGGCAGCG
CTGGGATGAAGCCTTTCGCAAGTTCCTGAAGGGCCTGGCTTCCCGAAAGCCCCTTGTGCTGTGTGGAGAC
CTCAATGTGGCACATGAAGAAATTGACCTTCGCAACCCCAAGGGGAACAAAAAGAATGCTGGCTTACGC
CACAAGAGCGCCAAGGCTTCGGGAATTACTGCAGGCTGTGCCACTGGCTGACAGCTTTAGGCACCTCTA
CCCCAACACACCCTATGCCTACACCTTTTGGACTTATATGATGAATGCTCGATCCAAGAATGTTGGTTGG
CGCCTTGATTACTTTTTGTTGCCACTCTCTGTTACCTGCATTGTGTGACAGCAAGATCCGTTCCAAGG
CCCTCGGCAGTGATCACTGTCCTATCACCTATACCTAGCACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC213298 protein sequence Red=Cloning site Green=Tags(s) MPKRGKKGAVAEDGDELRTPEAKKSKTAAKKNKKEAAGEGPALYEDPPDQKTSPSGKPATLKICSWNV GLRAWIKKKGLDWVKEEAPDILCLQETKCSENKLPALQELPGLSHQYWSAPSDKEGYSGVGLLSRQCPL KVSYGIGDEEHDQEGRVIVAEFDSFVLVTAYVPNAGRGLVRLRYRQRWDEAFRFLKGLASRKPLVLCGD LNVAHEEIDLRNPKGNKKNAGFTPQERQGFCELLQAVPLADSRHLYPNTPYAYTFWTYMMNARSKNVGW RLDYFLLSHSLLPALCDSKIRSKALGSDHCPITLYLAL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_080649
ORF Size:	954 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_080649.1
RefSeq Size:	1507 bp
RefSeq ORF:	957 bp
Locus ID:	328
UniProt ID:	P27695
Cytogenetics:	14q11.2
MW:	35.6 kDa