

## Product datasheet for **RC201208A1V**

### Human APE1 (APEX1) (NM\_080648) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human APE1 (APEX1) (NM\_080648) 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:** >RC201208 representing NM\_080648  
Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCCGAAGCGTGGGAAAAAGGGAGCGGTGGCGGAAGACGGGGATGAGCTCAGGACAGAGCCAGAGGCCA  
AGAAGAGTAAGACGGCCGCAAAGAAAAATGACAAAGAGGCAGCAGGAGAGGGCCAGCCCTGTATGAGGA  
CCCCCAGATCAGAAAACCTCACCCAGTGGCAAACCTGCCCACTCAAGATCTGCTCTTGGAAATGTGGAT  
GGGCTTCGAGCCTGGATTAAGAAGAAAGGATTAGATTGGGTAAGGAAGAAGCCCCAGATATACTGTGCC  
TTCAAGAGACCAAATGTTTCAGAGAACAACCTACCAGCTGAACCTCAGGAGCTGCCTGGACTCTCATCA  
ATACTGGTCAGCTCCTTCGGACAAGGAAGGGTACAGTGGCGTGGGCTGCTTTCCCGCCAGTGCCCACTC  
AAAGTTTCTTACGGCATAGGCGATGAGGAGCATGATCAGGAAGGCCGGGTGATTGTGGCTGAATTTGACT  
CGTTTGTGCTGGTAACAGCATATGTACCTAATGCAGGCCGAGGTCTGGTACGACTGGAGTACCGGCAGCG  
CTGGGATGAAGCCTTTCGCAAGTTCTGAAGGGCCTGGCTTCCCGAAAGCCCCTTGTGCTGTGTGGAGAC  
CTCAATGTGGCACATGAAGAAATTGACCTTCGCAACCCCAAGGGGAACAAAAAGAATGCTGGCTTACGC  
CACAAGAGCGCCAAGGCTTCGGGAATTACTGCAGGCTGTGCCACTGGCTGACAGCTTTAGGCACCTCTA  
CCCCAACACACCCTATGCCTACACCTTTTGGACTTATATGATGAATGCTCGATCCAAGAATGTTGGTTGG  
CGCCTTGATTACTTTTTGTTGCCACTCTCTGTACCTGCATTGTGTGACAGCAAGATCCGTTCCAAG  
CCCTCGGCAGTGATCACTGTCCTATCACCTATACCTAGCACTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC201208 representing NM_080648 Red=Cloning site Green=Tags(s)  MPKRGKKGAVAEDGDELRTPEAKKSKTAAKKNDEKAAGEGPALYEDPPDQKTSPSGKPATLKICSWNVD GLRAWIKKKGLDWVKEEAPDILCLQETKCSENKLPaelQELPGLSHQYWSAPSDKEGYSGVGLLSRQCPL KVSYGIGDEEHDQEGRVIVAEFDSFVLVTAYVPNAGRGLVRLERYQRWDEAFRKFLLKGLASRKPLVLCGD LNVAHEEIDLRNPKGNKKNAGFTPQERQGFCELLQAVPLADSFRLYPNTPYAYTFWTYMMNARSKNVGW RLDYFLLSHSLLPALCDSKIRSKALGSDHCPITLYLAL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_080648
<b>ORF Size:</b>	954 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<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_080648.1</a>
<b>RefSeq Size:</b>	1497 bp
<b>RefSeq ORF:</b>	957 bp
<b>Locus ID:</b>	328
<b>UniProt ID:</b>	<a href="#">P27695</a>
<b>Cytogenetics:</b>	14q11.2
<b>MW:</b>	35.6 kDa