

## Product datasheet for **RC211172A1V**

### Human PGK1 (NM\_000291) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human PGK1 (NM\_000291) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** PGK1  
**Synonyms:** HEL-S-68p; MIG10; PGKA  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC211172 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCGCTTTCTAACAAGCTGACGCTGGACAAGCTGGACGTTAAAGGGAAGCGGGTCTTATGAGAGTCG  
ACTTCAATGTTCCCTATGAAGAACAACCAGATAACAAACAACCAGAGGATTAAGGCTGCTGTCCCAAGCAT  
CAAATTCGCTGGACAATGGAGCCAAGTCGGTAGTCCTTATGAGCCACCTAGGCCGGCCTGATGGTGTG  
CCCATCGCTGACAAGTACTCCTTAGAGCCAGTTGCTGTAGAACTCAAATCTCTGCTGGCAAGGATGTTCT  
TGTTCTGAAGGACTGTGTAGGCCAGAAAGTGGAGAAAGCCTGTGCCAACCCAGCTGCTGGTCTGTCACT  
CCTGCTGGAGAACCTCCGCTTTTCATGTGGAGGAAGAAGGGAAGGGAAGGAAAGATGCTTCTGGGAACAAGTT  
AAAGCCGAGCCAGCCAAAATAGAAGCTTCCGAGCTTCACTTTCCAAGCTAGGGGATGTCTATGTCAATG  
ATGCTTTTGGCACTGCTCACAGAGCCCACAGCTCCATGGTAGGAGTCAATCTGCCACAGAAGGCTGGTGG  
GTTTTGATGAAGAAGGAGCTGAACTACTTTGCAAAGGCCTTGGAGAGCCAGAGCGACCCTTCTGGCC  
ATCCTGGGCGGAGCTAAAGTTGCAGACAAGATCCAGCTCATCAATAATATGCTGGACAAAGTCAATGAGA  
TGATTATTGGTGGTGAATGGCTTTTACCTTCTTAAGGTGCTCAACAACATGGAGATTGGCACTTCTCT  
GTTTGATGAAGAGGGAGCCAAGATTGTCAAAGACCTAATGTCAAAGCTGAGAAGAATGGTGTGAAGATT  
ACCTTGCTGTTGACTTTGCTCACTGCTGACAAGTTTGTGAGAATGCCAAGACTGGCCAAGCCACTGTGG  
CTTCTGGCATACTGCTGGCTGGATGGCTTGGACTGTGGTCTGAAAGCAGCAAGAAGTATGCTGAGGC  
TGCTCACTCGGGCTAAGCAGATTGTGTGAATGGTCTGTGGGGTATTTGAATGGGAAGCTTTTGCCCGG  
GGAACCAAAGCTCTCATGGATGAGGTGGTAAAAGCCACTTCTAGGGGCTGCATCACCATCATAGGTGGT  
GAGACTGCCACTTGTGTGCCAAATGGAACACGGAGGATAAAGTCAGCCATGTGAGCACTGGGGGTGG  
TGCCAGTTTGGAGCTCCTGGAAGGTAAGTCTTCTGGGGTGGATGCTCTCAGCAATATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC211172 protein sequence Red=Cloning site Green=Tags(s)  MSLSNKLTLDKLDVKGKRVVMRVDFNVPKNNQITNNQRKAAVPSIKFCLDNGAKSVVLMShLGRPDGV PMPDKYSLEPVAVELKSLGKDVLFKDCVGPVEKACANPAAGSVILLENLRFHVEEEGKGKDasGNKV KAEPAKIEAFRASLSKLGdVYVNDaFGTAHRAHSSMVGvNLPQKAGGFLMKkELNYFAKALESPERpFLA ILGGAKVADKIQLINnMLDKVNEMIIggGMAFTFLKVLNMEIGTSLFDEEGAKIVKDLMSKAekNGVKI TLPVDFVTADKFDENAKTGQATVAsGIPAGWmGLDCGPESsKkYAEAVTRAKQIVWNGPvGVFEWAFAR GTKALMDEvVKATSRGCITIIggGDtATCCAKWNTEDKvSHVSTGGGASLELLEgKvLPGVDALSNI  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_000291
<b>ORF Size:</b>	1251 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_000291.2</a>
<b>RefSeq Size:</b>	2439 bp
<b>RefSeq ORF:</b>	1254 bp
<b>Locus ID:</b>	5230
<b>UniProt ID:</b>	<a href="#">P00558</a>
<b>Cytogenetics:</b>	Xq21.1
<b>MW:</b>	44.6 kDa