

## Product datasheet for **RC205771A1V**

### Human PGM1 (NM\_002633) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human PGM1 (NM_002633) AAV Particle
Tag:	Myc-DDK
Symbol:	PGM1
Synonyms:	CDG1T; GSD14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC205771 representing NM\_002633  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGTGAAGATCGTGACAGTTAAGACCCAGGCGTACCAGGACCAGAAGCCGGGCACGAGCGGGCTGCGGA  
 AGCGGGTGAAGGTGTTCCAGAGCAGCGCAACTACGCGGAGAACTTCATCCAGAGTATCATCTCCACCGT  
 GGAGCCGGCGCAGCGGCAGGAGGCCACGCTGGTGGTGGGCGGGACGGCCGGTTCTACATGAAGGAGGCC  
 ATCCAGCTCATCGCTCGCATCGCTGCCCAACGGGATCGGTCGCTTGGTTATCGGACAGAATGGAATCC  
 TCTCCACCCCTGCTGTATCCTGCATCATTAGAAAAATCAAAGCCATTGGTGGGATCATTCTGACAGCCAG  
 TCACAACCCAGGGGGCCCAATGGAGATTTTGAATCAAATTCATATTTCTAATGGAGGTCCTGCTCCA  
 GAAGCAATAACTGATAAAATTTCCAAATCAGCAAGACAATTGAAGAATATGCAGTTTGCCTGACCTGA  
 AAGTAGACCTTGGTGTCTGGGAAAGCAGCAGTTTACTTGGAAAATAAGTTCAAACCTTCACAGTGA  
 AATTGTGGATTCCGTAGAAGCTTATGCTACAATGCTGAGAAGCATCTTTGATTCAGTGCCTGAAAGAA  
 CTACTTCTGGGCCAAACCGACTGAAGATCCGTATTGATGCTATGCATGGAGTTGTGGGACCGTATGTAA  
 AGAAGATCCTCTGTGAAGAACTCGGTGCCCTGCGAACTCGGCAGTAACTGCGTTCTCTGGAGGACTT  
 TGGAGGCCACCACCTGACCCCAACCTCACCTATGCAGCTGACCTGGTGGAGACCATGAAGTCAGGAGAG  
 CATGATTTTGGGCTGCCTTTGATGGAGATGGGATCGAAACATGATTCTGGCAAGCATGGGTTCTTTG  
 TGAACCCTTCACTCTGTGGCTGTCTTGTGCTGCAACATCTTCAGCATTCCGTATTTCCAGCAGACTGG  
 GGTCCGCGGCTTGCACGGAGCATGCCACGAGTGGTCTCTGGACCGGTGGCTAGTGTACAAAGATT  
 GCTTTGTATGAGACCCCAACTGGCTGGAAGTTTTTTGGAAATTTGATGGACGCGAGCAAACCTGTCCTTT  
 GTGGGGAGGAGAGCTTCGGGACCGTTCTGACCACATCCGTGAGAAAGATGGACTGTGGGCTGTCCTTGC  
 CTGGCTCTCCATCCTAGCCACCCGCAAGCAGAGTGTGGAGGACATTCTCAAAGATCATTGGCAAAGTAT  
 GGCCGGAAATTTCTTACCAGGTATGATTACGAGGAGTGAAGCTGAGGGCGCAAACAAATGATGAAGG  
 ACTTGGAGGCCCTGATGTTTGTGCTCCTTTGTGGGAAAGCAGTTCTCAGCAAATGACAAAGTTTACAC  
 TGTGGAGAAGGCCGATAACTTTGAATACAGCGACCCAGTGGATGGAAGCATTTCAGAAATCAGGGCTTG  
 CGCCTCATTTTACAGATGGTTCTGAATCGTCTTCCGACTGAGCGGCACTGGGAGTGCCGGGGCCACCA  
 TTCGGTGTACATCGATAGCTATGAGAAGGACGTTGCCAAGATTAACCAGGACCCCAAGTTCATGTTGGC  
 CCCCTTATTTCCATTGCTCTGAAAGTGTCCAGCTGCAGGAGAGGACGGGACGCACTGCACCCACTGTC  
 ATCACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC205771 representing NM\_002633  
 Red=Cloning site Green=Tags(s)

MVKIVTVKTQAYQDQKPGTSGLRKRVKVFQSSANYAENFIQSIISTVEPAQRQEATLVVGGDGRFYMKEA  
 IQLIARIAAANGIGRLVIGQNGILSTPAVSCIIRKIKAIIGGIIILTASHNPGGPNGDFGIKFNISNGGPAP  
 EAITDKIFQISKIIEEYAVCPDLKVDLGVLGKQQFDLENKFKPFITVEIVDSVEAYATMLRSIFDFSALKE  
 LLSGPNRLKIRIDAMHGTVVGYVVKILCEELGAPANSVAVNCVPLEDFGGHHPDNLTYAADLVETMKSSE  
 HDFGAADFDDGDRNMILKKGHFFVNPSSVAVIAANIFSIPYFQQTGVRGFAFSMPTSGALDRVASATKI  
 ALYETPTGWKFFGNLMDASKLSLCGEESFGTGSDHIREKDGLWAVLAWLSILATRKQSVEDILKDHWQKY  
 GRNFFTRYDYEEVEAEGANKMMKDLEALMFDVSFVGKQFSANDKYYTVEKADNFEYSDPVDGSI SRNQL  
 RLIFTDGSRIVFRLSGTGSAGATIRLYIDSYEKDVAKINQDPQVMLAPLISIALKVSQQLQERTGRTAPT  
 VIT

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

ACCN:	NM_002633
ORF Size:	1686 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><a href="#">NM_002633.2</a></u>
RefSeq Size:	2487 bp
RefSeq ORF:	1689 bp
Locus ID:	5236
UniProt ID:	<u><a href="#">P36871</a></u>
Cytogenetics:	1p31.3
MW:	61.3 kDa