

Product datasheet for **RC201522A1V**

Human PGM3 (NM_015599) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PGM3 (NM_015599) AAV Particle
Tag:	Myc-DDK
Symbol:	PGM3
Synonyms:	AGM1; IMD23; PAGM; PGM 3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201522 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATTAGGTGCTATTACAAAATACTCAGCATTACACGCCAAGCCCAATGGACTGATCCTTCAATACG
 GGACTGCTGGATTTTCAACGAAGGCAGAACATCTTGATCATGTCTGTTTCGCATGGGATTATTAGCTGT
 CCTGAGGTCAAAACAGACAAAATCCACTATAGGAGTCATGGTAACAGCGTCCCACAATCTGAGGAAGAC
 AATGGTGTAAATTTGGTTGATCCTTTGGGTGAAATGTTGGCACCATCCTGGGAGGAACATGCCACCTGTT
 TAGCAATGCTGAGGAACAAGATATGCAGAGAGTGCTTATTGACATCAGCGAGAAAGAAGCTGTGAATCT
 GCAACAAGATGCCTTTGTAGTTATTGGTAGAGATACCAGGCCAGCAGTGAGAACTTTCAATCTGTA
 ATAGATGGTGTGACTGTTCTAGGAGTCAATCCATGATTATGGCTTGTTAAACACCCCAGCTGCACT
 ACATGGTGTATTGTCGAAACACGGGTGGCCGATATGGAAGGCAACTATAGAAGGTTACTACCAGAACT
 CTCTAAGGCTTTTGTGGAACACCAACAGGCTTCTTGCACTGGAGATGAATACAGATCACTTAAGGTT
 GACTGTGCAAAATGGCATAGGGGCCCTGAAGCTAAGGGAATGGAACACTACTTCTCACAGGCGCTGTCAG
 TTCAGCTGTTTATGATGGGTCCAAGGGCAAACTCAATCATTTATGTGGAGCTGACTTTGTGAAAAGTCA
 TCAGAAACCTCCACAGGAATGGAAATTAAGTCCAATGAAAGATGCTGTTCTTTTGATGGAGATGCAGAC
 AGAATTGTTTATTACTACCATGATGCAGATGGCACTTTCATCTCATAGATGGAGACAAGATAGCAACGT
 TAATTAGCAGTTTCCTTAAAGAGCTCCTGGTGGAGATTGGAGAAAGTTTGAATATTGGTGTGTACAAAC
 TGCATATGCAATGGAAGTTCAACACGGTATCTTGAAGAAGTTATGAAGTACCTGTCTATTGCACTAAG
 ACTGGTGTAAACATTTGCACCACAAGGCTCAAGAGTTTGACATTGGAGTTTATTTTGAAGCAATGGGC
 ATGGCACTGCACTGTTTAGTACAGCTGTTGAAATGAAGATAAAACAATCAGCAGAACTGGAAGATAA
 GAAAAGAAAAGCTGCTAAGATGCTTGAAAACATTATTGACTTGTTTAAACAGGAGCTGGTGATGCTATT
 TCTGACATGCTGGTATTGAGGCAATCTGGCTCTGAAGGCTTGACTGTACAACAGTGGGATGCTCTCT
 ATACAGATCTTCCAAACAGACAACTTAAAGTTCAGGTTGCAGACAGGAGATTATTAGCACTACCAATGC
 TGAAAGACAAGCAGTTACACCCCAGGATTACAGGAGGCAATCAATGACCTGGTGAAGAAGTACAAGCTT
 TCTCGAGCTTTTGTCCGGCCCTCTGGTACAGAAGATGTCGTCGAGTATATGCAGAAGCAGACTCACAAG
 AAAGTGCAGATCACCTGCACATGAAGTGAAGTGGCAGTATTTAGCTGGCTGGAGGAATTGGAGAAAG
 GCCCAACCAGGTTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201522 protein sequence
 Red=Cloning site Green=Tags(s)

MDLGAITKYSALHAKPNGLILQYGTAGFRTKAEHLDHVMFRMGLLAVLRSKQTKSTIGVMVTASHNPEED
 NGVKLVDPLEMLAPSWEEHATCLANAEQDMQRYVLIDISEKEAVNLQQDAFVVGIRDRPSSEKLSQSV
 IDGVTVLGGQFHDYGLLTTPQLHYMVYCRNTGGRYGKATIEGYYQKLSKAFVELTKQASCSGDEYRSLKV
 DCANGIGALKLREMEHYFSQGLSVQLFNDGSKGLNHLGADFKSHQKPPQGMEIKSNERCCSFDGDAD
 RIVYYYHDADGHFHLIDGDKIATLISSFLKELLVEIGESLNIGVVQTAYANGSSTRYLEEVMKVPVYCTK
 TGVKHLHHKAQEFDIGVYFEANGHTALFSTAVEMKIKQSAEQLEDKKRKAAMLENIIDLNFQAAGDAI
 SDMLVIEAILALKGLTVQQWDALYTDLPNRQLKVQVADRRVISTTNAERQAVTPPGLQEAINDLVKYKL
 SRAFVRPSGTEDVVRVYAEADSQESADHLAHEVSLAVFQLAGGIGERPQPGF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015599

ORF Size:	1626 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>NM_015599.1</u>
RefSeq Size:	6107 bp
RefSeq ORF:	1629 bp
Locus ID:	5238
UniProt ID:	<u>O95394</u>
Cytogenetics:	6q14.1
MW:	59.9 kDa