

Product datasheet for **RC218774A1V**

Human Phosphoglucomutase 5 (PGM5) (NM_021965) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Phosphoglucomutase 5 (PGM5) (NM_021965) AAV Particle
Tag:	Myc-DDK
Symbol:	PGM5
Synonyms:	PGMRP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218774 representing NM_021965
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGGGGAGCCCCATCCCGGTGCTGACAGTGCCACCGCGCCCTACGAGGACCAGCGCCGGCCGGCG
 GCGGGGGTCTGCGGCGACCCACCGGCCTCTTCGAGGGCCAGCGCAACTACCTGCCCAACTTTATCCAGAG
 CGTGCTGCTGCCATCGACCTGCGCGACCGTCAGGGCTGCACCATGGTGGTGGGAGCGACGCGCAGGTAC
 TTTAGCAGGACGGCCATCGAGATCGTGGTGCAGATGGCCGCGGCCAACGGGATTGGACGACTGATTATTG
 GACAGAATGGCATCTTGTGACACCTGCGGTCTCCTGCATTATCAGGAAGATCAAGGCAGCTGGTGAAT
 CATTCTAACAGCCAGCCACTGCCCTGGAGGACCAGGGGAGAGTTTGGAGTGAAGTTTAAATGTTGCCAAT
 GGAGGTCTGCACCCGATGTTGTCTCAGACAAAATCTACCAAATCAGCAAAACGATTGAGGAATATGCTA
 TATGTCCTGATCTCCGAATCGACCTATCTCGACTAGGAAGACAAGAATTTGACCTAGAAAACAAATCAA
 ACCATTGAGAGTGAGATAGTGGACCCAGTGGATATCTATCTTAACCTCCTTCGGACCATCTTTGACTTT
 CATGCCATCAAGGGTTTGTCTGACTGGACCCAGCCAACCTGAAGATTCGCATTGACGCAATGCACGGAGTTA
 TGGGACCTTATGTGAGAAAAGTTCTGTGTGATGAGCTGGGGGCCCCAGCCAATCTGCAATAAACTGTGT
 TCCCCTGGAAGACTTTGGAGGGCAGCACCCTGACCCAAACCTGACATATGCAACGACTCTTCTGGAAGCA
 ATGAAAGGAGGAGAATATGGATTTGGAGCTGCATTGTATGCTGATGGGGACCGTTATATGATCCTAGGCC
 AAAATGGCTTCTTTGTGAGCCCTTCTGACTCCCTGGCCATCATTGCTGCCAACCTCTCTTGCAATCCATA
 TTTCCGTCAGATGGGGTCCGCGGGTTTGGGAGGAGTATGCCAACCAGCATGGCCCTGGACAGAGTGGCC
 AAATCAATGAAGTCCCTGTATATGAGACCCAGCTGGATGGAGATTCTTCTCAAATCTGATGGACTCAG
 GACGTTGCAATCTGTGTGGGAAGAGAGCTTTGGCACTGGCTCTGACCACCTCCGAGAGAAGGATGGCCT
 GTGGGCTGTCTTGGTCTGGCTCTCCATTATTGCTGCCCGGAAGCAGAGTGTGGAGGAAATTTGCCGAGAT
 CACTGGGCCAAATTTGGCCGCCACTACTATTGCAGTTTACTATGAGGGTTGGATCCCAAGACGACAT
 ATTATATCATGAGGGACCTGGAGGCCCTGGTCACAGACAAATCCTTCATTGGCCAGCAGTTTGTGTGGG
 GAGCCATGTCTACAGCGTGGCGAAGACGGATAGTTTTGAATACGTGGACCCTGTGGATGGCACTGTGACC
 AAGAAACAGGGCCTAAGGATCATTTTCTCGGATGCATCACGGCTCATCTCCGGCTCAGTTCTCCAGTG
 GTGTGCGGGCCACCCTCAGACTGTACGAGAGAGCTACGAGAGGGATCCAGCGGCCATGACCAGGAGCC
 ACAGGCAGTGCTGAGCCCTCTCATAGCCATCGCACTGAAAATATCCAGATTATGAGAGAACTGGCCGG
 AGGGGACCCACTGTCATCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEGSPIPVLTVPATPYEDQRPAGGGGLRRPTGLFEGQRNYLPNFIQSVLSSIDLDRQGCTMVVGS DGRY
 FSRTAIEIVVQMAAANGIGRLIIGQNGILSTPAVSCIIRKIIKAAGGIILTASHCPGGPGGEFGVKFNVAN
 GGPAPDVVSDKIYQISKIIEEYAIICPDLRIDLRLGRQEFDLNKFKPFPRVEIVDPVDIYLNLLRTIFDF
 HAIKGLLTGPSQLKIRIDAMHGVMGPYVRKVLDELGAPANSAINCVPLEDFGGQHPDNLTYATTLLEA
 MKGGEYGFGAADFADGDRYMILGQNGFFVSPSDSLAIIAANLSCIPYFRQMGVGRFGRSMPTSMALDRVA
 KSMKVVPYETPAGWRFNLMDSGRCNLCGEESFGTGSDDLREKDWLWVLSIIAARKQSVVEIVRD
 HWAKFGRHYICRFDYEGLDPKTTYIMRDLEALVTDKSFIGQQFAVGSHVYSVAKTDSFEYVDPVDGTVT
 KKQGLRIIFSDASRLIFRLSSSSGVRATLRLYAESYERDPSGHDQEPQAVLSPLIAIALKISQIHRTGR
 RGPTVIT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_021965
ORF Size:	1701 bp
Buffer:	PBS with 0.001% Pluronic F7904
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_021965.3</u>
RefSeq Size:	3341 bp
RefSeq ORF:	1704 bp
Locus ID:	5239
UniProt ID:	<u>Q15124</u>
Cytogenetics:	9q21.11
MW:	62 kDa