

Product datasheet for **RC201729A1V**

Human PGD (NM_002631) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PGD (NM_002631) AAV Particle
Tag:	Myc-DDK
Symbol:	PGD
Synonyms:	6PGD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201729 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

 ATGGCCCAAGCTGACATCGCGTGATCGGATTGGCCGTCATGGGCCAGAACTTAATTCTGAACATGAATG
ACCACGGCTTTTGGTCTGTGCTTTTAATAGGACTGTCTCCAAAGTTGATGATTTCTGGCCAATGAGGC
AAAGGGAACCAAGTGGTGGTGCCAGTCCCTGAAAGAGATGGTCTCCAAGCTGAAGAAGCCCCGGCGG
ATCATCTCTGGTGAAGGCTGGCAAGCTGTGGATGATTTTCATCGAGAAATTGGTACCATTGTTGGATA
CTGGTGACATCATCATTGACGGAGGAAATCTGAATATAGGGACACCACAAGACGGTGCCGAGACCTCAA
GGCCAAGGGAATTTATTTGTGGGAGCGGAGTCAGTGGTGGAGAGGAAGGGGCCGGTATGGCCCATCG
CTCATGCCAGGAGGGAACAAAGAAGCGTGGCCCCACATCAAGACCATCTTCAAGGCATTGCTGCAAAAG
TGGGAAGTGGAGAACCCTGCTGTGACTGGTGGGAGATGAGGGAGCAGGCCACTTCGTGAAGATGGTGCA
CAACGGGATAGAGTATGGGGACATGCAGCTGATCTGTGAGGCATACCACCTGATGAAAGACGTGTGGGC
ATGGCGCAGGACGAGATGGGCCAGGCCTTTGAGGATTGGAATAAGACAGAGCTAGACTCATTCTGATTG
AAATCACAGCCAATATTCTCAAGTTCCAAGACACCGATGGCAAACACCTGCTGCCAAAGATCAGGGACAG
CGCGGGGCAGAAAGGCACAGGGAAGTGGACCGCATCTCCGCCCTGGAATACGGCGTACCCGTCACCCCTC
ATTGGAGAAGCTGTCTTTGCTCGGTGCTTATCATCTCTGAAGGATGAGAGAATTCAGCTAGCAAAAAGC
TGAAGGTTCCCAAGAAGTCCAGTTTGTGATGGTGATAAGAAATCATTCTGGAGGACATTCGGAAGGCACT
CTACGCTTCCAAGATCATCTCTACGCTCAAGGCTTTATGCTGCTAAGGCAGGCAGCCACCGAGTTTGGC
TGGACTCTCAATTATGGTGGCATCGCCCTGATGTGGAGAGGGGGCTGCATCATTAGAAGTGATTCTTAG
GAAAGATAAAGGATGCATTTGATCGAAACCCGGAACCTCAGAACCTCTACTGGACGACTTCTTTAAGTC
AGCTGTTGAAAACCTGCCAGGACTCCTGGCGGGCGGCAGTCAGCACTGGGGTCCAGGCTGGCATTCCCATG
CCCTGTTTTACCACTGCCCTCTCCTTCTATGACGGGTACAGACATGAGATGCTTCCAGCCAGCCTCATCC
AGGCTCAGCGGGATTACTTCGGGGCTCACACCTATGAACCTTTGGCCAAACCAGGGCAGTTTATCCACAC
CAACTGGACAGGCCATGGTGGCACCGTGTCTCCTCGTCATACAATGCC

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201729 protein sequence

Red=Cloning site Green=Tags(s)

 MAQADIALIGLAVMGQNLILNMNDHGFVVCANRTVSKVDDFLANEAKGTVVGAQSLKEMVSKLKKPRR
IILLVKAGQAVDDFIEKLVLPLDGDIIIDGGNSEYRDTRRCRDLKAKGILFVGSGVSGGEEGARYGPS
LMPGGNKEAWPHIKTIFQGIAAKVGTGEPCCDWVGDEGAGHFVKMVHNGIEYQDMQLICEAYHLMKDVLG
MAQDEMAQAFEDWNKTELDSFLIEITANILKFQDQDGKHLKPKIRDSAGQKGTGKWTASALEYGVPTL
IGEAVFARCLSSLKDERIQASKKLKGPQKFQFDGDKSFLEDIRKALYASKIISYAQGFMLLRQAATEFG
WTLNLYGGIALMWRGGCIIRSVFLGKIKDAFDRNPQLNLLDDFFKSAVENCQDSWRRRAVSTGVQAGIPM
PCFTTALSFYDGYRHEMLPASLIQAQRDYFGAHTYELLAKPGQFIHTNWTGHGGTVSSSSSYNA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002631

ORF Size:

1449 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_002631.2</u>
RefSeq Size:	1937 bp
RefSeq ORF:	1452 bp
Locus ID:	5226
UniProt ID:	<u>P52209</u>
Cytogenetics:	1p36.22
MW:	53.1 kDa