

Product datasheet for **MR224503A1V**

Mouse Pgd (NM_001081274) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pgd (NM_001081274) AAV Particle
Tag:	Myc-DDK
Symbol:	Pgd
Synonyms:	0610042A05Rik; AU019875; C78335
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR224503 representing NM_001081274
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCCAAGCTGACATTGCACTGATCGGACTGGCTGTATGGGCCAGAACTTAATTTTGAACATGAATG
 ATCATGGATTTGTGGTCTGTGCTTTCAATAGGACAGTCTCCAAAGTCGATGACTTCTTGGCCAACGAGGC
 GAAGGGCACCAAGGTGGTTGGTGCACAGTCCTTAAAGGACATGGTCTCCAAACTAAAGAAGCCCCCGCGG
 GTCATCTGCTTGTGAAGGCCGGGAAGCCGTGGATGATTTTCATCGAGAAATTAGTACCCCTTGTGGACA
 CGGGTGACATCATCGATGGAGGAAATCTGAATACCGGGACACGACAAGAAGATGCCGGGACCTCAA
 GGCCAAGGGCATCTTGTGTGGGGAGCGGAGTCAGTGGTGGTGAAGGGGCTCGGTACGGGCCGTCA
 CTCATGCCAGGAGGAACAAAGAGGCTTGGCCCCACATCAAGGCGATCTTCCAAGCCATCGTGCAAAAG
 TGGGAACCGGAGAACCCTGCTGTGACTGGTGGGAGATGAGGGGGCGGGCACTTTGTGAAGATGGTGA
 CAACGGGATAGAGTATGGAGACATGCAGCTCATCTGTGAGGCTTACCATTTGATGAAGGATGTTCTGGGC
 ATGCGGATGAGGAGATGGCTCAGGCATTTGAAGAATGGAACAAGACAGAGCTGGACTCATTCTGATTG
 AAATCACTGCTAACATTCTCAAGTACCGGGACACTGACGGCAAAGAGCTGTTGCCAAAGATCCGGGACAG
 TGCTGGGCAGAAAGGCACTGGGAAGTGGACCGCATCTCGGCGCTGGAGTACGGCATGCCCGTACCCCTC
 ATTGGAGAAGCTGTCTTTGCTCGGTGCTTGTCTCTCTGAAGGAGGAGCGGGTTCAGGCCAGCCAAAAGC
 TGAAGGGTCTAAGGTGGTCCAGCTGGAAGGCAGTAAGAAGTCATTCTGGAGGACATCCGTAAGGCCCT
 CTATGCTTCCAAGATCATCTCTACGCCAAGGCTTTATGCTGCTCAGACAGGCAGCCACTGAGTTTGGC
 TGGACCCTCAATTATGGCGGCATTGCCCTGATGTGGAGAGGGGGCTGCATCATCGAAGTGTGTTCTGG
 GAAAAATTAAGATGCATTTGAGCGAAACCCAGAACTCAGAACCTACTGCTAGATGACTCTTTTAAGTC
 AGCAGTTGACAACCTGCCAGGACTCCTGGCGGGGTGATCAGCACTGGGGTGAAGCAGGCATTCATCCATG
 CCCTGTTCACTACTGCCCTCTCCTTCTATGATGGGTACAGACACGAGATGCTGCCAGCAAACCTCATCC
 AGGCTCAACGGGATTACTTTGGGGCTCACACCTATGAAGCTTTAACCAAACCGGGAGAATTTATCCACAC
 CAACTGGACGGGCCACGGGGCAGTGTGCATCTCTTACATAAATGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR224503 representing NM_001081274
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MAQADIALIGLAVMQNLILNMNDHGFVVCFAFNRTVSKVDDFLANEAKGTKVVGQAQSLKDMVSKLKKPRR
 VILLVKAGQAVDDFIEKLVPLLDTDGDIIDGGNSEYRDTTRRCRDLKAKGILFVGSVSGGEEGARYGPS
 LMPGGNKEAWPHIKAIQAIQAAKVGTEPCCDWVDEGAGHFVKMVHNGIEYGDMLICEAYHLMKDVLG
 MRHEEMAQAFEEWNKTELDSEFLIEITANILKYRDTDGKELLPKIRDSAGQKGTGKWTASALEYGMPTL
 IGEAVFARCLSSLKEERVQASQKLGPKVVQLEGSKKSFLDIRKALYASKIISYAQGFMLLRQAATEFG
 WTLNYYGIALMWRGGCIIRSVFLGKIKDAFERNPELQNLDDFFKSAVDNQCQDSWRRVISTGVQAGIPM
 PCFTTALSFYDGYRHEMLPANLIQAQRDYF GAHTYELLTKPGEFIHTNWTGHGGSVSSSSSYNA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001081274

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_001081274.1</u>
RefSeq Size:	2224 bp
RefSeq ORF:	1452 bp
Locus ID:	110208
UniProt ID:	<u>Q9DCD0</u>
Cytogenetics:	4 78.96 cM
MW:	53.7 kDa