

Product datasheet for **MR219603A1V**

Mouse Plekhd1 (NM_001177503) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Plekhd1 (NM_001177503) AAV Particle
Tag:	Myc-DDK
Symbol:	Plekhd1
Synonyms:	3830431G21Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR219603 representing NM_001177503
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTACATCCAAGTCCAACCTCCGTGTCGCCATCGCCGTCCCTGGAGCAGGCGGACGCGGACGCGCTGG
 ACATCAGCACCAAGTGCAGCTCTACGGGGTTCTGTGGAACGCGCGTTCCGGAGATCCTCGGCCAAGTG
 GTCCCGCGCGTTTTCATCATCAAAGAAAGCTTCTGCTTTACTACTCTGAGAGTGAGAGAAAGAGCTTT
 GAAACCAATAAGTACTTCAATATTCCTAAGGGTGTCATTCCACTGGGTGGCTGCCTGGTGGAGGCCA
 GAGAAGAGCCAGTATGCCCTATGCCATGAAGATCTCACACCAGGACTTCCATGGGAATGTCTTGTGGC
 TGGCGAGTCTGAGTTTGGCAGACACAATGGCTGGAGATGTTGCAGGAGTCTGGGAAGGTGACCTGGAAA
 AATGCCAGCTAGGGGAAGCTATGATCAAAAGCCTGGAGGCACAGGGGTACAGCTGGCTAAGGAAAAGC
 AGGAATATTTAGACAAGCTGATGGAGGAGACAGAAGAACTGTGCCTTCAGAGGGAACAGAGAGAGGAGCT
 TGAGCGCTGAACCAAGTCTGGAGGCCGAGAAACAGCAGTTTGAGGAGGTGGTCAAGAGCTGAGAGTG
 GAGCAGGAGCAGATCAAAAGGGAGCTAGAACTCACTGCAAGATGCCTCAAGGGCGTGGAACAAGAGAAGA
 AGGAGCTGAGACACCTCACAGATCCTTACAGCATACGCTGGAGGAACCTCCATAGAGAAGAAGAAAAC
 CCTAGAGATGCTGGAGGAAGATAAGAACCAGCCACAGCCCTTGACCAACCAGAGTGAGCAGCCACCGGCC
 AGTGATGGTCTCCATAGCAACCTCAGGCAGATCGAAGAGCGGATGCAGGAGCTATTGGCGGAGAAGCTTC
 TGGCTGAGAAGCGGATGAAGGAGAATGAGGAACGCTCTCGGGCTCTGGAGGAGGAACGGGAATTTACTC
 AAGCCAGTCCCAAGCCCTGCAGAACTCGCTGCAGGAGCTCACTGCAGAGAAGCAGCAGGCGGAGCGGAA
 CTCAAGGCTGAAGTAAAAGTACGCATGGACCTTGAGAGCGGCTTCGGGAGGCAGAGGCGGCTTTCGCGA
 GCCTGGAAACAAGGCCTCAATTCAGGTTTCGGAACAAGGAGAAGGAAGAACGGATGCGGGCGGACGTGAG
 CCACCTGAAAAGGTTCTTCGAGGAGTGATCCGGAATGCAGAGCTGGAGGCCAAGATGCCGGTCAATCATG
 AAGAATCCGTGTACATCCATAAGGCAGCCACTCGCCGATCAAAAGCTGCCGATTCCACCGCCGCGGT
 CCAGTACTTCTGGAATGACATGAAGCCATCCAGTCTTCATGACCTCCAGCTAGAAGCCAACAACAT
 AGAGGAGCTGAAGGAGGTAGCCAAGCGGCTAAGCAGAGACCAGCGCTCCGGGAATCCATCTATCACATC
 ATGGCTACCCAGCCTGGGCGCTCTGCACTTCCCGGGGAGGAAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MFTSKSNSVSPSPSLEQADADALDISTKVQLYGVWKRPFGRSSAKWSRRFFIIKESFLLYYSESERKSF
 ETNKYFNIHPKGVIPGGCLVEAREEPSMPYAMKISHQDFHGNVLLAAESEFEQTQWLEMLQESGKVTWK
 NAQLGEAMIKSLEAQLQLAKEKQEYLDKLMEETEELCLQREQREELERLNQVLEAEKQQFEVVQELRV
 EQEQIKRELELTARCLKGVEQEKELRHLTESLQHTLEELSIEKKKTLEMLEEDKNQPPLTNQSEPPA
 SDGLHSNLRQIEERMQELLAELKLLAEKRMKENEERSRALEEEREFYSSQSQUALQNSLQELTAEKQQAERE
 LKAEVKVRMDLERRLREAEALRSLEQGLNSKVRNKEEERMADVSHLKRFFEECIRNAELEAKMPVIM
 KNSVYIHKAAATRRIKSCRFRHRRSSTSWNDMKPSQSFMTSQLEANNIEELKEVAKRLSRDQRFRESIYHI
 MATQPGASALPRGGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001177503

ORF Size:

1515 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_001177503.1, NP_001170974.1</u>
RefSeq Size:	3527 bp
RefSeq ORF:	1518 bp
Locus ID:	217682
UniProt ID:	<u>B2RPU2</u>
Cytogenetics:	12 C3
MW:	59.1 kDa