

Product datasheet for **MR218918A1V**

Mouse Papd5 (NM_001164498) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Papd5 (NM_001164498) AAV Particle
Tag:	Myc-DDK
Symbol:	Papd5
Synonyms:	5730445M16Rik; 5830428A09
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR218918 representing NM_001164498
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGATCTGGGAGACGACCCAGGGGCTGAGGAACCTCTACTTCAACCACCACTGTACAGCAGCGGCG
 CGAGCAGCGCGAGCGGCGGAGCGGCAGCGGCCCGGCAGCCCCGGCGGCACGGCCCCGGCCCCGGCCGG
 CATGTTCCGCTCGGGGAGCGCCCACTGGGCGGCTCGCCGTGCCCGCGGAGCAGCGGGACTTCCTGCC
 CTGGAGACGACCAACAACAACAATCACCACGACCGGCGGCTGGGCAGCGCGGGCATCGGCGGGCC
 CCTCGGCGTCGCCGTCCCATCGGCTCCCTCGTCCCCGCGACCGGCGGCGCACTCCCCGCTCCGAGTC
 TACCGACCGGCTCGGGCAGCAGCAACAAGAGAAACGTGACAACAAGGCCAGCACCTACGGACTCAAC
 TACAGCCTGCTGCAGCCAGCGAGGGCGCGCGCGGAGGCGGACGGGCGGACGGCGGGGGCGTGT
 ACAGCGGGACCCCGTGAAGCGACGGAACATAACCAGGGAGTCGTGGTCTGCATGAAGAAATCAGTGA
 TTTTATGAGTACATGTCTCCAGACCCGAGGAAGAGAAGATGCGGATGGAGGTAGTGAGCAGGATCGAG
 AGTGTGATTAAAGAGCTCTGGCCAGTGTGTGTCAGATATTTGGAAGTTTTAAACTGGCCTGTATT
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 ATTAATTAACAGATTCTTTACTGAAGTGAAGTTGATATCAGCTTTAATGTCCAGAATGGCGTGAGAG
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 GTTCTTATTACAGAGGACCTTAATGAAGTATTACAGGTGGAATTGGTCTTATAGTCTCTTTTAATG
 GCAGTCAGTTTCTTCAGTTACATCCCAGGGAAGATGCTTGCATCCCCAATAAACTATGGTGTCTCT
 TAATAGAGTTTTTTGAATTATATGGACGGCACTTCAATTACTTAAAGACTGGCATCCGGATAAAGGATGG
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 ATCGAAGATCCTTTACAACCAGGTAATGATGTTGGAAGGAGTTCCTATGGGGCCATGCAGGTGAAACAGG
 CCTTTGATTATGCCTATGTGGTATTGAGTCATGCAGTGTACCGATTGCAAAGTACTATCCCAACAATGA
 AACAGAGAGCATATTAGGTAGAATAATTAGAGTGACGGATGAAGTTGCCACGTATAGAGATTGGATATCA
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 CTCAGCAGTTAGATAAGTGAATAATAATCTGTCTGAAGAAAAGGAAGCCCTTGAAAAATGTAGAAGTAA
 CGCCTCGGAACCTCTTAGTAAACACTCTTCAAACCTCTTCATCAGGTCCAGTGTCTCTCTCTGCCACG
 CAGTCCAGCTCTAGTGACGTCGATTCTGATGCAACGCCATGCAAAACCCCAACAGCTGCTCTGCCGTC
 CACCCACTGTACCCGGGTAGGCTCACAGGATGTCTCCTTGGAGGTCTCTCAGGCAGTTGGGAAATGCA
 GAGCACTCAAACCACTAACACACCCAACAACGCCAACAATCACAGCATGGATCAGCAAGGCTCTCCGT
 TCTTCCAGCAAAGGCTTCCAAGGTACAGCTCAAACCAGCCATGGGGCCTTGATGACAAGCAAACAGCATC
 AAGGCAATCCAATACTCAGTATTACCATGGCAAAAAGAGGAGACACAAGAGGGACGCGCCCTCTCAGA
 GCTTTGTAGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR218918 representing NM_001164498 Red=Cloning site Green=Tags(s) MQIWETTQGLRNLYFNHHCHSSGASSASGGSGSGPGSPGGTAPAPAGMFRSGERPLGGLAVPAEQRDFLP LETTNNNNHHQPAAWARRASAGPSASPVPSAPSSPRPAAALPASESTDPASGSSNKRKRDNKASTYGLN YSLQLPSGGRAAGGGRADGGGGVYSGTPWKRRNYNQGVVGLHEEISDFYEYMSRPEEEKMRMEVVSRIE SVIKELWPSADVQIFGSFKTGLYLPTSDIDL VVFGKWENLPLWLEEALRKHKVADEDSVKVLDKATVPI IKLTDSFTEVKVDISFNQNGVRAADLIKDFTKKYPVLPYLVLVKQFLLQRDLENEVFTGGIGSYSLFLM AVSFLQLHPREDACIPNTNYGVLLIEFFELYGRHFNYLKTGIRIKDGGSYVAKDEVQKNMLDGYRPSMLY IEDPLQPGNDVGRSSYGAMQVKQAFDYAYVVLHAVSPIAKYYPNNETESILGRIIRVTDEVATYRDWIS KQWGLQNRPEPSCNGNGVTLIVDTQQLDKCNNNLSEEKALGKCRSNAEPLSKHSSNSSSGPVSSSSAT QSSSDVDSDATPCKTPKQLLCRPPTVTRVGSQDVSLEVSQAVGKMQSTQTTNTPNNANKSQHGSARLFR SSSKGFQGTATSHGALMTSKQHKGKSNQYYHGKKRRHKRDAPLSELCR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001164498
ORF Size:	2040 bp
Buffer:	PBS with 0.001% Pluronic F2884
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_001164498.1, NP_001157970.1</u>
RefSeq Size:	4616 bp
RefSeq ORF:	2043 bp
Locus ID:	214627
UniProt ID:	<u>Q68ED3</u>
Cytogenetics:	8 C3
MW:	74.7 kDa