

Product datasheet for **MR216758A1V**

Mouse Padi4 (NM_011061) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Padi4 (NM_011061) AAV Particle
Tag:	Myc-DDK
Symbol:	Padi4
Synonyms:	Pad4; Pdi4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR216758 representing NM_011061
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCCCAAGGCGCGGTGATCCACGTGGCCCCGAGCAGCCCACTCACGCCGTGTGTGTGGTGGGCACAG
 CGACCCCGCTGGATGTCCGCGGTTCTGCTCCTAAGGGCTACACAACCTTCGGCATCACAGCCTCTCCAGG
 AGTCATCGTAGATGTATCCATGGTCCCTCCAGTCAAGAAGAGTACCATGGGGGCTCCAAATGGCCTCTG
 GACCCTGAGCTGGAGGTGACCCTACAGGTGAAAGCAGCCAGCAGCAGAACAGATGATGAAAAGGTTTCGAG
 TTTCACTATGGACCAAGACCTCCCAAGTCCCAAGCCCTGATCTACATCACTGGGGTGGAACTGTCCT
 GAGCGCAGATGTACCCGCACAGGCAGAGTGAAGCCAGCCCAAGCCGGGAAGGATCAGAGCACCTGGACC
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 TGGACTTTGAGGATGACAAGATCTTGGACAACAAAGACCTGCAGGACATGTCTCAATGACCCTAAGCAC
 GAAGACGCCCAAAGACTTCTTTGAAAAGTATCAGCTGGTGTGGAGGTGCCCAAGCCCAAGATGAACAGA
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 CAAGAAAGCCAAAGTGCAAGCTGACTGTGTGCCCCGAGGAGGAGAATATAGATGACCAATGGATGCAGGAC
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 GAGGCCTGAAGGATTTCCCTGTCAAGCGAGTTATGGGTCCAAATTTTGGCTATGTGACCCGAAAGCTCTA
 TATGTCAGAGCTCACTGGGCTGGATGCCCTTGGGAACCTGGAGGTGAGTCCCCCAGTCACTGTGAGAGGG
 AAGGAGTACCCACTGGGCAGAAATCTCATCGGGAATAGCGTTACTCCAGCAGCGAGAGCCGGGACATGC
 ACCAGGCCCTGCAGGACTTCTGAGCGCCAGCAGGTGCAGGCCCCCTGAGGCTCTTCTCCGATTGGCT
 CTTTGTGGGTACGTGGATGAGTTCTTGAGCTTTGTCCAGCGCGGGACAAGCAGGGTTTTCGGCTGCTG
 CTGTCCAGCCCCAGAGCTTGCTATCAGCTGTTCCAGGAGCTACAGAGCCAGGGCCACGGGGAGGCGACAC
 TGTTCAAGGACTCAAGAGGAAAAGGCAGACAATCAATGAAATCTGTCCAACAAGAAATTAAGAGACCA
 GAATGCCTATGTGGAGAGCTGTATCGACTGGAACCGGGCGGTGCTGAAGCGGGAGCTGGCCTGGCAGAG
 GGTGACATCATCGACATTCCGCAGCTCTTCAAGCTCGCGGGGAAGTCCAGAGGGAAGTCTAAGGCCCAGG
 CCTTCTTCCCAAACATGGTGAACATGCTGGTCTTGGGCAAGTACCTGGGCATCCCCAAGCCCTTTGGGCC
 CATCATCGATGGCCACTGCTGCCCTGGAGGAGGAGGTGCGTTCCACCTGGAGCCGCTGGGTCTGCACTGC
 ACCTTCATCAACGACTTCTACACCTACCACGTGTACAACGGGGAGGTTCACTGTGGCACCAATGTGCGCA
 GGAAGCCCTTACCTTCAAGTGGTGGCAGATGGTGCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR216758 representing NM_011061 Red=Cloning site Green=Tags(s) MAQGAVIHVAPEQPTHAVCVVGTATPLDVRGSAPKGYTTFGITASPGVIVDVIHGPPVKKSTMGASKWPL DPELEVTLQVKAASSRTDDEKVRVSYYGPKTSPVQALIYITGVELSLADVTRTGRVKPAQAGKDQSTWT WGPGGRGAILLVNCDKEDPQASGMDFEDDKILDNLDLQDMSMTLSTKTPKDFFEKYQLVLEVPKAKMNR VRVFRATRGLPSRYKVALGPQQFSYCLELPGGQHSTDFYVEGLAFPDADFKGLIPLTISLLDKSNPELP EALVFQDSVTFRVAPWIMTPNTQPPQEVYVCRVSDNEDFLKSLATLTKKAKCKLTVCPEEENIDDQWMQD EMEIGYIQAPHKTLPVVFDSPDRGLKDFPVKRVMGPNFGYVTRKLYMSELTGLDAFGNLEVSPPVTVRG KEYPLGRILIGNSGYSSSESMDMHQALQDFLSAQVQAPVRLFSDWLFVGHVDEFLSFVPARDKQGFRLL LSSPRACYQLFQELQSQGHGEATLFEGLKRKRQTINEILSNKKLRDQNAAYVESCIDWNRAVLKRELGLAE GDIIDIPQLFKLAGNSRGNSKAQAFPMNMVNLVLGKYLGIKPFPGPIIDGHCCLEEEVRSHLEPLGLHC TFINDFYTYHVYNGEVHCGTNRVRKPFTEKWWHMVP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_011061
ORF Size:	1998 bp
Buffer:	PBS with 0.001% Pluronic F2524
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_011061.2</u> , <u>NP_035191.2</u>
RefSeq Size:	2640 bp
RefSeq ORF:	2001 bp
Locus ID:	18602
UniProt ID:	<u>Q9Z183</u>
Cytogenetics:	4 72.34 cM
MW:	74.9 kDa