

Product datasheet for **MR219864A1V**

Mouse Bpi (NM_177850) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Bpi (NM_177850) AAV Particle
Tag:	Myc-DDK
Symbol:	Bpi
Synonyms:	9230105K17Rik; Bpifd1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR219864 representing NM_177850
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCTGGGCCCTGACAACGTGCGGAAATGGTCAGCCCTGTTGCTGCTGGCCATCATTGGCACAGCCC
 TGACAGCGCCACCGACCCTGGCTTCGTGGCCATGATCTCCAGAAGGGTCTGGACTTCGCGTGCCAGCA
 GGGAGTGGTTGAGTTGCAGAAGGAGCTACAGGCTATCAGTGTTCTGACTTCTCTGGGGTCTTTAAGATC
 AAGCACCTGGGAAAGGGTTCCTACGAATTCTACAGCATGGCTGTGGATGGATTTCATATTCCTAATCCCA
 AGATCGAGATGCTGCCAGTGATGGCTCCGAGTGTTCAAAAGATGCCAGCATCAAGATCAATGGAAA
 GTGGATGTCAAGGAAGAACTTCCTCAAGCCGGTGGCAATTTTGAAGTGAAGTCCAGGGCGTCTCCATC
 TCCACCGACCTGATTCTGGGTAGTGACTCCTCAGGCCACATCACCACCATCTGCTCCAATGCGACAGTC
 ACATTGACAGTGTCCATATCAAAATCTCAGGCAGCATGCTGGGGTGGCTGATCCGACTGTTCCACAGGAA
 AATTGAGACTTCCTGAAAAACATCATTTACAAAAAGATCTGCAAGATCGTGAAGAGACTCTGTCTCTCC
 AAATGACGCTTATCTGAAGACCCCTTCTGTGATAACAGAGTGGATGATGTGACCTCGGTTGACTACA
 GTCTGCTGGCTCCCCTGACAACCACGAACCAAGTTCCTGGAGGGGACGCTAAAGGGGGAGTTTTCTGGAG
 GGGACACCGAGACCCACTTCCCATTCACCCGCCAGTAATGAGGTTTGTCACCGTGCATACATGGTA
 TGCATGGGCATCTCTGACTACTTCTTCAACACTGAGGTATTGGCTTACCAACAGTCTGGAACCTTGAAGA
 TGACCTGGGGGGCAACTGTTATCAAATAATGGCAGATTCCAGCTGAACACTGACTTCTTAGGACCTT
 CCTGCCAAGGTGGCCAGATGTTCCCGAGCATGGGGTGCAGCTGCTCATCTCAGCGCCCGTGCCTGTG
 CACCTGAGCATACAGCCCTCAGGCCTCTCATTCAATCCTAAGCTGGAGACCCAGGCCTTTGTGGTCTCTCC
 CCAACGCTCCCTGGTCCCTCTCTTTGTTCTTGGCATGGTAAGAAGGAAAAACAAATGCCTCTTTGGAAGT
 GGATGCTGAGGAGAAGAGGCTCTGGGAGAGATGAAGCTTGGCAGCAGGTGGTTGCTGGAATTGAAGGAA
 TCCAAATTTGGCCCTTTAAGGTGGAGTACCTGGAGGATGTCAAACTACCTCGTATCCACACTAGTGC
 TGCCCAAGATCAATGAGAGGCTGCGTAGAGGCTTCCCTCTCCCTTTGCCTGCTGGGATCCGGTTCAGCCA
 TTTCACGTTTTACCCCTACCAGAATTTCTGTTGCTTGAAGCGGATTTACACCTTATC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTWAPDNVRKWSALLLLAIIGTALTAATDPGFVAMISQKGLDFACQQGVVELQKELQAISVPDFSGVFKI
 KHLGKGSYEFYSMAVDGFHIPNPKIEMLPDGLRVFIKDASIKINGKWSRKNFLKAGGNFELSIQGVSI
 STDILIGSDSSGHITTICSNCDSHIDSVHIKISGMLGWLIRLFHRKIETSLKNIYKICKIVRDSVSS
 KLQPYLKTLSVITRVDDVTSVDYSLLAPLTTTNQFLEGQLKGEFFWRGHRDPLPIHPPVMRFPNGAYMV
 CMGISDYFFNTEVLAYQQSGTLKMTLGGQLLNNGRFQLNTDFLRTFLPKVAKMFPSMGVQLLISAPVPV
 HLSIQPSGLSFNPKLETQAFVVLPNASLVPLFVLGMVRRKTNASLEVDAAENRLVGEMKLGSRWLELKE
 SKFGPFKVEYLEDVINYLVLPLKINERLRGRFPLPLPAGIRFSHFTFYQNFLLLEADLHLI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_177850

ORF Size:

1458 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_177850.3, NP_808518.1</u>
RefSeq Size:	1779 bp
RefSeq ORF:	1461 bp
Locus ID:	329547
UniProt ID:	<u>Q67E05</u>
Cytogenetics:	2 H1
MW:	54.8 kDa