

Product datasheet for **MR210135A1V**

Mouse Pfpl (NM_019540) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pfpl (NM_019540) AAV Particle
Tag:	Myc-DDK
Symbol:	Pfpl
Synonyms:	Epcs5; Epcs50
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210135 representing NM_019540
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAACAGCTTCATTGTCACAGTCCTTATCTGGACCACAGTGGCATATGCTGAAGAGGAGAAGGCACTTA
 AAGAGATCCATGAGTATGGTTTCCAAAAGTGCCAGAATGCTCTGAATCTACCTGTTTTGGAAGTGCTACC
 TGGAGGAGGCTGGGATAATCTGAGGAATATGGACATGGGGCAAGTGATGGACTTGACATACAACAACTGT
 AAGACCACAGAAGACGGACAGTACATCATCCCTGATGATGTCTTTACTATTCTCAGAAAAGAGAGCAACC
 TGGAGATGAACCTCAGAAATCCTGGATTCTGGGAGAATTACCGAAGCACTACTTCCTTTTCCATTAACCT
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 CAGTAGCCAAGTACCAGAAAACCTCAGGAATTCTTTGGAGGAGTCTTCACTGACAAGAGCATCAACCTT
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 TTTCTCTGGATCATGAGTTGGGGCCCAATATTCAGTCCCTTTGGTGGGTTTTTATGCTGCACAAAAGG
 GAACCCCTTGTATGGTTCTTTTACATCTGGAGACTTAGAGAAATCATTCTGCCAAAGTGTCCCGGGGGC
 TTCAGCCAACAGCTCGTGCATCATTGATGGATGCCAAGTGTCTACTGTGTCAGGCTGGAGTCTTTA
 CACGAGCATCTCTGGCTCCTGCTAGGCTCCACCTTAACTCAGCTACCTATGAGTCAGCTTTCCACTGA
 CTCAGTTGAGATGACAGGGGAGAGTCCCATATCCTGGGTTAAGGACCCCTATACCTGCAATGGAACCTA
 GAGGAGTCATCAAAAAGTGGTAGACTATCAGGAGGATCAACTGCTGCAATCACAATTGTGGTTATCCTAG
 CATTAGGAGTTTTAACTGCTATGGCCATCTATGGCAACCGGAGGTTTAAAGAATAAACCCTAATGGACT
 TCCAAGACAACAGGCATTGCTTCCTTTTCCAAGAGTTAGAGTCTTCTGATGGAGTGCAGGATCCAAAT
 CCAGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210135 representing NM_019540 Red=Cloning site Green=Tags(s) MNSFIVTVLIWTTVAYAEKEKALKEIHEYGFQKCQNALNLPVLEVLPGGGWDNLRNMDMGQVMDLTYNNC KTTEGGQYIIPDDVFTIPQKESNLEMNSEILDSWENYRSTTSFSINLNDYRPRVNGKFSSEFQRIKTTQ VRDQAVTTRAQVRNLVYTVKANPNAELNLGFKKELMEICDRLEKNQTKMATYLAELLILNYGTHIITSVD AGATLVQEDHVKSSYLKNNKGNRAAVAASAGFTFAKVVNFKIETGFEYQNNLATGYLQNRTGSRVQSIGG IPFYPGMTIETWQKGIINHLVAVDRAGLPLHFFIKPEKLPAFPRHLVEQLAKTVETAESYYNFNTYPGC TNINSPNFDQANTDDGSCDGKLVNAPFGGVYQLCRQLSGHDYDDMCLDFHQKNPLTGDFSCPPDYTPVH LLSQTHEKGYTGMECRDKCILKIFCRTSCKDEFVAKAEVSSYWCAASSQVPENSGILFGGVFTDKSINP MTNEPSCPTSYPFLKLFENVKVCVSLDHELGPYKSVFPGGFFSCTKGNPLYGSFTSGDLEKSFLPKCPGG FSQQLAAIIDGCQVSYCVKAGVFTRASLAPARLPYTLQPMQLSTDSVEMTGESPISWVKDPYTLQWNL EESSKSGRLSGGSTAAITIVVILALGVLTAIAIYGNRRFKKNKPNGLPRQQALLPFPRVRVFPDGVQDPN PA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_019540
ORF Size:	2106 bp
Buffer:	PBS with 0.001% Pluronic F1233
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_019540.2, NP_062413.2</u>
RefSeq Size:	3918 bp
RefSeq ORF:	2109 bp
Locus ID:	56093
Cytogenetics:	19 A
MW:	78 kDa