

Product datasheet for **MR209685A1V**

Mouse Pck2 (BC010318) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pck2 (BC010318) AAV Particle
Tag:	Myc-DDK
Symbol:	Pck2
Synonyms:	1810010O14Rik; 9130022B02Rik; PEPCK-M
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR209685 representing BC010318
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCTATGTACCTCCCGGCTGCGGCTTAGCCGGCACGGGCTAAGGCCCTGGTGTGTACCGT
 GCCGTAGCATCCAAACCTGCGTGTGCTCAGTGGAGATATGAGTCAGCTGCCGGCTGGAGTTCGAGACTT
 TGTGGCGCGCAGTGCGCATCTGTGCCAACCAGAGGGCATCCACATCTGTGATGGGACCGAGGCTGAGAAC
 ACTGCCATACTGGCCCTGCTGGAAGAACAGGGTCTTATCCGCAAACCTCCCAAGTATAAGAACTGCTGGC
 TGGCCCGCACAGACCCAAGGATGTGGCACGGGTAGAAAGCAAGACGGTGATTGTAACCTCTCGCAGCG
 GGACACAGTGCCTCTCTGGCTGGTGGGGCCAGGGGCGAGCTGGGCAACTGGATGTCCCCAGATGAGTTC
 CAGAGAGCTGTGGACGAGAGATTCCCAGGATGCATGCAGGGCCGCATTATGTATGTGCTTCCATTACGCA
 TGGGTCCCGTGGGCTCCCACTCTCCCGCATTGGAGTGCAGCTCACTGACTCGGCTTACGTGGTGGCCAG
 TATGCGTATTATGACCCGCTTGGGGACACCTGTACTTCAGGCCCTGGGAGATGGTGACTTCATCAAGTGT
 CTGCATTCACTGGGCCAGCCCCGACTGGACATGGGGATCCTGTGGGCCAGTGGCCGTGCAATCCAGAAA
 AAACCCCTGATTGGCCACGTGCCAGACCAGCGGGAGATCGTCTCCTTCGGCAGCGGCTATGGTGGTAACTC
 CTTGCTGGGCAAGAAGTGCTTTGCCCTGCGCATCGCCTCTCGCCTGGCCAGGATGAGGGCTGGCTGGCA
 GAGCAGATGCTGATTTTGGGCATCACCAACCTGCAGGGAAAAAGCGCTACGTGGCAGCTGCTTTCCCCA
 GTGCCTGTGGCAAGACCAATCTGGCCATGATGAGACCTGCATTGCCGGCTGGAAAGTGGAGTGTGTGGG
 GGATGACATCGCCTGGATGAGGTTTGACAGTGAAGGTCAACTCCGGGCCATCAACCCTGAGAATGGCTTC
 TTTGGGGTGGCCCTGGTACCTCTGCTGCCACCAATCCCAATGCCATGGCCACAATTGAGAGTAATACTC
 TCTTCACCAACGTGGCTGAGACCAGTGTGGCGGTGTGTACTGGGAAGGCATTGACCAGCCTCTTCGGCC
 TGGTGTCAACATAACCTCGTGGCTGGGAAAGCCCTGGAACCTGGTGACAAGGAACCCCTGTGCACATCCA
 AACTCGCGCTTTTGTGTCCCAGCTCGCCAGTGCCCCATCATGGACCCAGCCTGGGAAGCACCAGAAGGTG
 TCCCTATTGATGCCATCATCTTTGGAGGCCGCCGACCCAAAGGGTACCACTGGTGTACGAGGCCTTCAA
 CTGGCGTCATGGGGTGTGTAGGTAGCGCCATGCGCTCTGAGTCCACTGCCGCTGCGGAGCACAAGGA
 AAGACCATTATGCATGATCCCTTTGCCATGCGGCCTTTTTTTGGCTATAACTTTGGACGCTACCTGGAAC
 ACTGGTTGAGCATGGAGGGACAAAAAGGTGCCCGGCTGCCTCGTATCTTCCATGTCAATTGGTTCCGGAG
 AGATGAAGCAGGCTGCTTCTGTGGCCAGGCTTTGGAGAGAATGCTCGTGTGCTAGACTGGATCTGCCGA
 AGATTAGAAGGAGAAGACAGTGCCCAAGAGACTCCCATTTGGGCTAGTACCAAAGGAAGGAGCCCTGGACC
 TCAGTGGCCTCAGCGCAGTGGACACCAGTCAGCTGTTCTCCATCCCCAAGGACTTCTGGGAGCAGGAGGT
 TCGTGATATTCGGGGCTACCTGACAGAGCAAGTCAACCAGGACCTGCCAAGGAGGTGTTGGCTGAGCTC
 GAGGCTCTGGAAGGACGTGTACAAAAATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209685 representing BC010318 Red=Cloning site Green=Tags(s) MAAMYLPLRLSRHGLRPWCWSPCRSIQTLRVLSGDMSQLPAGVRDFVARSAHLCQPEGIHCIDGTEAEN TAILALLEEQGLIRKLPKYKNCWLARTDPKDVARVESKTVIVTPSQRDVPLLAGGARGQLGNWMSPDEF QRAVDERFPGCMQGRIMYVLPFSMGPGVSPLSRIGVQLTDSAYVVASMRIMTRLGTPVLQALGDGDFIKC LHSVGGPLTGHGDPVGQWPCNPEKTLIGHVPDQREIVSFGSGYGGNSLLGKKCFALRIASRLARDEGWLA EHMLILGITNPAGKKRYVAAAFPSACGKTNLAMMRPALPGWKVECVGDDIAWMRFDSEGQLRAINPENG FGVAPGTSAAATNPAMATIQSNTLFTNVAETSDGGVYWEIDQPLPPGVITITSWLGKPKWPGDKEPCAHP NSRFCVPARQCPIMDPAWEAPEGVPIDAIIFGGRRPKGVPLVYEAFNWRHGVFVGSAMRSESTAAAEHKG KTIMHDPFAMRPFFGYNFGRYLEHWLSMEGQKGARLPRIHFVNWFRRDEAGCFLWPGFGENARVLDWICR RLEGEDSAQETPIGLVPKEGALDLSGLSAVDTSQLFSIPKDFWEQEVDIRGYLTEQVNQDLPEVLAEL EALGRVQKM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	BC010318
ORF Size:	1920 bp
Buffer:	PBS with 0.001% Pluronic F787
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>BC010318.1</u>
RefSeq Size:	2143 bp
RefSeq ORF:	1922 bp
Locus ID:	74551
Cytogenetics:	14 28.19 cM
MW:	78.5 kDa