

Product datasheet for **MR209720A1V**

Mouse Pja2 (NM_144859) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pja2 (NM_144859) AAV Particle
Tag:	Myc-DDK
Symbol:	Pja2
Synonyms:	AI447901; AL022700; mKIAA0438; Neurodap1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209720 representing NM_144859
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCACAGTACACTGAAAAAGAGCCATCAGTAATGGATCAAGAATCCAGCAAGGCTGCTTGGCCTAAAC
 CAGCAGGAGGATATCAGACTATCACAGGCAGGAGATATGGAAGAAGACATGCGTATGTCAGTTTTAAGCC
 ATGTATGACCAGGCATGAAAGAAGCTTGGGTCGGGCTGGTGATGACTATGAAGTGTGGAACTAGACGAT
 GTTCCAAAGGAGAACACCTCAGGTTCCAGTTTCATTGGATCAAGTCCATCCTGCTTTACCAAATGAACCTA
 CAGTTGAAAAAAGTGAAACAGAAATTTCTACTTGTGGTCCAGCACTGAATCAAAGCACTGAGAGCAGTCC
 ATCCATTGCCACAGTATGTCATAGTGAGGAAGTCAGGGAGACCTAGAAAGCAATACAAACCTTCATAAT
 CGCACTGAGACAGAGCATACTCCAGCAGTTTGTATGTCTCAAGTGTCCAGAATGGAATTATGTTGGTTC
 ATACTGACTCTTATGATCCAGACAGCAAGCATGATGAGAATGGCTCTCTTCAACTTGGCGCTGAAGCTGT
 GGAAGGTGGTAGACATCAGAAGGGGTTAGGCCGTGCAGTCTTTGAGCTGGAATAATGGAGAGGCAGAGATC
 TACGCTGACCTGTCAACATCAGTCCCCTCTCTCAACGGTGAAATAAGTGAGGCGTTTGAAGAGCTAGATT
 CAGCACCTTTAGAGAAAAGTTCTACTGCCGATGCTGAGCTTGTCCATCAGAATGGGCAGGAATTTAGAG
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 TCAACTGAAGATGCAGACTGTGCTCCAGGCCATGTTGAGCAAAATACTAGTGATAGAGCCAACCAACATG
 GAAGTTCTCCTGAACAGGTAGTAAGGCCCAAAGTTAGAAAAGTGATAAGTTCAAGCCAGGTGGACCAAGA
 AATTGGTTTTAATAGGCACGAGGCTAAGCAGAGAAGCGTTCAGAGATGGAGAGAGGCTTTGGAAGTGGAG
 GAGTGCAGTTCAGATGACCTATAATAAAGTGTGACGATTATGATGGAGACCAGCACTGCATGTTCTTAA
 CTCCAACCTTACTCAAGAGTTACACAAAGGGAGACAGAACGGAATCGTGTAAATCAGAAAATGGAGCTAC
 AGCTTCAGGACGGCAAGAATCTCGGGACAATGCCTTTTGAATGCCTGCGGAGAGTATTACCAACTCTTT
 GACAAAGATGAAGACAGGGAACAGACATCCTTGAAGAGGGAGAGATCCCTTGGTTACAGTACAATGAGG
 TCAATGAGAGCAGCAGGATGAAGGGAATGAGCCTGCCAATGAGTTTGACAGCCGGAAGCTTTTCATGTT
 GGATGGGAACAACAACCTTGAGGACGACTCGAGCGTGAGTGAAGACTTGGATGTGGACTGGAGCCTGTTT
 GATGGTTTTGCAGACGGACTTGGAGTTGCTGAAGCTATTTCTTATGTGGATCCTCAGTTCCTTACCTACA
 TGGCACTAGAAGAGCGCTTAGCCAGGCTATGGAGACTGCGCTGGCACATTTAGAGTCCCTTGCAGTAGA
 CGTTGAGGTGGCCAATCCACCTGCCAGTAAGGAAAGCATTGATGGGCTTCCAGAGACTCTGGTTCTAGAG
 GACCACACCGCCATCGGCCAGGAGCAGTGTCCCATCTGCTGCAGCGAGTACATCAAGGATGACATTG
 CCACAGAGCTGCCTTGCCATCACTTCTTTCATAAGCCCTGTGTCTCCATCTGGCTACAGAAGTCCGGAAC
 ATGCCCTGTGTGCCGCCGTCACTTCCCACCTGCAGTTATTGACGCATCTGCAGCTGCTTCTCTGACCT
 GACCCTGATGCCTCGCTGCAAATGACAATGCTGAAGAAGCCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209720 representing NM_144859 Red=Cloning site Green=Tags(s) MSQYTEKEPSVMDQESSKAAWPKAGGYQTITGRRYGRRHAYVSFKPCMTRHERSLGRAGDDYEVLDD VPKENTSGSSSLDQVHPALPNEPTVEKSETEISTCGPALNQSTESSPSIATVCHSEEVRETLESNTNLHN RTETEHTPAVCNVSSVQNGIMLVHTDSYDPDSKHDENGSLQLGAEAVEGGRHQKGLGRAVFELENGEAEI YADLSPSVPSLNGEISEAFEELDSAPLEKSSTADAELVHQNGQEFQRSSDGVVRKRRQDDTDQGRQTEN STEDADCAPGHVEQNTSDRANHGGSSPEQVVRPKVRKVISSSQVDQIEGFNRHEAKQRSVQRWREALEVE ECSSDDPIIKCDDYDGDHDCMFLTPTYSRVTQRETERNRVTSENGATASGRQESRDNAFWNACGEYYQLF DKDEDREQTSLEEGEIPWLQYNEVNESSSDEGNEPANFAQPEAFMLDGNNNLEDDSSVSEDLVDVWSLF DGFADGLGVAEAI SYVDPQFLT YMALEERLAQAMETALAHLES LAVDVEVANPPASKESIDGLPETLVLE DHTAIGQEQQCPICCEYIKDDIATELPCHHFFHKPCVSIWLQKSGTGPVCRHFPPAVIDASAAASSDP DPDASPANDNAEEAP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_144859
ORF Size:	1935 bp
Buffer:	PBS with 0.001% Pluronic F822
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_144859.2, NP_659108.1</u>
RefSeq Size:	4520 bp
RefSeq ORF:	1938 bp
Locus ID:	224938
UniProt ID:	<u>Q80U04</u>
Cytogenetics:	17 E1.1
MW:	71.7 kDa