

Product datasheet for **MR230089A1V**

Mouse Pknox2 (NM_148950) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Pknox2
Synonyms:	D230005H23Rik; Prep2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230089 representing NM_148950
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATGCAACATGCCTCCCCAGCCCCAGCTCTGACAATGATGGCCACGCAGAATGTCCCTCCCCACCCT
 ACCAGGACAGCCCCAGATGACAGCAACTGCCAGCCACCTTCCAAGGCCAGGCTGTCCACATCTCAGC
 ACCCTCAGTACCGCCAGCACACCTGTGCCAGTGCCCCATTGATCCCCAAGCCAGCTGGAGGCTGAC
 AAGCGAGCTGTGTACAGGCACCCTCTTTCCCGCTCCTGACGCTGCTGTTGAGAAATGTGAACAGGCCA
 CCCAGGGCTCCGAGTGACACCTCCGCCAGCTTTGATGTGGACATCGAGAATTTGTCCACCAGCAGGA
 GCAGGAACACAAACCTTCTTCAGCGATGACCCAGAACTGGACAATCTGATGGTGAAGGCAATCCAGGTC
 CTGAGGATCCACCTGCTAGAGTTGGAGAAAGTCAATGAGCTCTGCAAGGACTTTTGAACCGTTACATCA
 CCTGCCTCAAACCAAGATGCACAGTGATAACCTGCTCAGGAATGACCTCGGGGGGCCCTACTCCCCAA
 CCAGCCCTCCATAAACCTTCACTACAGGACCTCTGCAGAATCCCCCAATTCAATGTCTGGAGTCTCC
 AATAACCCCGAGGGATTGTGGTCCAGCCTCAGCACTCCAGCAGGGCAACATCGCCATGACAACCGTCA
 ATTCTCAAGTCGTGTCAAGTGGAGCCTTATATCAGCCGGTTACCATGGTAACCTCCCAAGGTCAGGTGGT
 CACCAAGCAATCCCCAGGGAGCCATCCAGATCCAGAATACACAGGTTAACCTTGACCTCACCTCCCTC
 CTGGACAATGAGGATAAGAAGTCCAAGAACAAACGAGGAGTCTTGCCCAAGCATGCCACCAATATAATGC
 GTTCTTGGCTCTTCCAGCATCTCATGCACCCCTATCCCACTGAAGATGAGAAGAGGCAGATTGCCGCGCA
 GACAAACCTCACCTTCTGCAAGTAAACAACCTGGTTCATCAATGCCAGGAGGCGCATCTGCAGCCCATG
 CTTGATGCCAGCAACCCAGATCCTGCTCCAAAGCCAGAAATCAAGTCTCAGCACCGGCCACCCAA
 GATTCTGGCCCAATTCCATTGCTGCTGGGTTCTGCAACAGCAGGGTGGACCCAGGGACGAACCTGA
 TGGTTCATCAACTGGACAACCTGCAGTCCCTGTCTCAGACAATGCCACCATGGCCATGCAGCAGGCA
 ATGATGGTGCACATGATGATTGATGGTGGCAGGAGGAGGATGAAGATGATATGGAGGAGGAGG
 AAGAGGAGGAGGAGGAGCTAGAGGAGGAGGCTGATGAGCTACAGACAACGAATGTCAGCGACCTGGGCTT
 GGAACACAGTGACTCCCTGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230089 representing NM_148950
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MMQHASPAPAL TMMATQNVPPPPYQDSPQMTATAQPPSKAQAVHISAPSATASTPVPSAPIDPQAQLEAD
 KRAVYRHPLFPLL TLLFEKCEQATQSECITSASFVDVDIENFVHQEQEHKPF SDDPELDNLMVKAIQV
 LRIHLELEKVNELCKDFCNRYITCLKTKMHSNLLRNDLGGPYSPNQPSINLHSDLLQNSPNSMSGVS
 NNPQGI VVPASALQQGNIAMTTVNSQVVS GGAL YQPTMTVTSQGQVVTQAIPQGA IQNTQVNLDTSL
 LDNEDKKS KNKRGVLPKHATNIMRSWLFQHLMPYPTEDEKRQIAAQTNLTLLQVNNWF INARRRILQPM
 LDASNPD PAPKAKIKSQHRPTQRFWPNSIAAGVLQQQGGTPGTNPDGSINLDNLQSLSSDNATMAMQQA
 MMAHDDSLDGTEEEDEDDMEEEEEEEEEEEADELQTTNVS DGLGHSDSL E

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_148950

ORF Size: 1422 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:	NM_148950.3 , NP_683752.2
RefSeq Size:	3445 bp
RefSeq ORF:	1425 bp
Locus ID:	208076
UniProt ID:	Q8BG99
Cytogenetics:	9 A4
MW:	52.3 kDa