

Product datasheet for **RC206921A1V**

Human PKNOX2 (NM_022062) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PKNOX2 (NM_022062) AAV Particle
Tag:	Myc-DDK
Symbol:	PKNOX2
Synonyms:	PREP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206921 representing NM_022062
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGATGCAACATGCCTCCCCAGCCCCGCTCTGACGATGATGGCCACGCAGAATGTCCGCCCCACCCT
 ACCAGGACAGCCACAGATGACGGCAACCGCCAGCCACCTCCAAGGCCAGGCTGTCCACATCTCTGC
 CCCCTCAGCTGTGCCAGCACACCTGTGCCAGTGCCTCCATCGACCCAGGCCAGCTGGAGGCTGAC
 AAGCGAGCTGTATACAGGCACCTCTTTTCCGCTCCTGACGCTGCTGTTGAGAAATGTGAACAGGCCA
 CCCAGGGCTCTGAGTGCATCACCTCCGCCAGCTTTGATGTGGACATCGAGAACTTTGTCCACCAGCAGGA
 ACAGGAGCACAAACCTTCTTCAGCGATGACCCAGAACTGGACAATCTGATGGTGAAGGCAATCCAGGTC
 CTGAGAATCCACCTGTGGAGCTGGAGAAAGTCAATGAACTCTGCAAGGACTTTGTAAACGTTACATCA
 CCTGCCTCAAAACCAAGATGCACAGCGACAACCTGCTCAGGAATGATCTAGGGGGGCCCTACTCCCCAA
 CCAGCCCTCCATCAACCTTCACTCCAGGACCTCTGCAGAATCCCCCAATTCATGTCCGGAGTCTCC
 AATAACCCCCAGGGGATTGTGGTCCCAGCCTCAGCGCTCCAGCAGGGCAACATCGCCATGACAACCGTCA
 ACTCACAAGTTGTGTGAGGTGGAGCCTTATACCAACCGGTTACCATGGTAACCTCCCAGGGTCAGGTGGT
 CACCCAAGCAATCCCCAGGGAGCCATCCAGATCCAGAACACACAGGTTAACCTTGACCTCACCTCCCTC
 CTGGACAATGAGGATAAGAAGTCCAAGAACAACGAGGAGTCTTGCCCAAGCATGCCACCAATATAATGC
 GTTCTTGGCTCTTCCAGCATCTCATGCACCCCTACCCACGGAGGATGAGAAGAGGCAGATCGCAGCCCA
 GACCAACCTCACCTCCTGCAAGTAAACAACCTGGTTTCAATGCCCGGAGGCGCATCTGCAGCCCATG
 CTTGATGCCAGCAACCCAGATCCTGCCCCAAAGCCAAGAAGTCAAGTCTCAGCACCAGGCCACCCAAA
 GATTCTGGCCCAACTCCATCGCTGCGGGGGTCTGCAGCAGCAGGGCGGTGCCCAGGGACAAACCCGA
 TGGTCCATCAACTTGGACAACCTGCAGTCCCTGTCTCAGACAGTGCCACCATGGCCATGCAGCAGGCT
 ATGATGGCTGCACAGATGACTCATTGGATGGGACAGAAGAAGAGGATGAGGATGAGATGGAAGAGGAGG
 AGGAGGAGCTGGAGGAGGAGTGCAGGAGCTGCAGACGACAAATGTCAGCGACCTGGGCTTGAACACAG
 TGACTCCTGGAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MMQHASPAPAL TMMATQNVPPPPYQDSPQMTATAQPPSKAQAVHISAPSAASSTPVPSAPIDPQAQLEAD
 KRAVYRHPLFPLL TLLFEKCEQATQSECITSASFVDVDIENFVHQEQEHKPFSSDDPELDNLMVKAIQV
 LRIHLELEKVNELCKDFCNRYITCLKTKMHSNLLRNDLGGPYSPNQPSINLHSDLLQNSPNSMSGVS
 NNPQGI VVPASALQQGNIAMTTVNSQVVS GGALYQPVTMVT SQGQVVTQAIPQGA IQIQNTQVNLDL TSL
 LDNEDKKSKNKRGLPKHATNIMRSLFQHLMPYPTEDEKRQIAAQTNLTLLQVNNWF INARRRILQPM
 LDASNPDPAPKAKKIKSQHRPTQRFWPNSIAAGVLQQQGAPGTNP DGSINLDNLQSLSSDSATMAMQQA
 MMAAHDDSLDGTETEEDEMEEEEEEEVEDELQTTNVSDLGLEHSDSLE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_022062

ORF Size:

1413 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_022062.2, NP_071345.2</u>
RefSeq Size:	3730 bp
RefSeq ORF:	1419 bp
Locus ID:	63876
UniProt ID:	<u>Q96KN3</u>
Cytogenetics:	11q24.2
MW:	51.8 kDa