

Product datasheet for **RC208331A1V**

Human PHOX2A (NM_005169) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PHOX2A (NM_005169) AAV Particle
Tag:	Myc-DDK
Symbol:	PHOX2A
Synonyms:	ARIX; CFEOM2; FEOM2; NCAM2; PMX2A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208331 representing NM_005169 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACTACTCCTACCTCAATTCGTACGACTCGTGCCTGGCGGCCATGGAGGCGTCCGCCTACGGCGACT
TTGGCGCCTGCAGCCAGCCCGGCGGCTTCCAATACAGCCCCCTGCGGCCCGCTTTCCCGCGGCAGGGCC
GCCCTGCCCCGCGCTCGGCTCCTCCAATGCGCACTTGGCGCCCTACGCGACCACCAGCCCGCGCCCTAC
TCGGCAGTGCCCTACAAGTTCTTCCAGAGCCATCCGGCCTGCACGAGAAGCGCAAGCAGCGGCGCATCC
GCACCACGTTACCAGCGCGCAGCTCAAGGAGCTGGAGCGGTTTTCGCTGAGACCCACTACCCCGACAT
TTACACGCGTGAGGAGCTGGCGCTCAAGATCGACCTCACTGAGGCTCGCGTGCAGGTCTGGTTCCAGAAC
CGCCGGGCCAAGTTCCGCAAACAGGAGCGCGGCCAGCGCCAAGGGCGCGGCGGCGCGGCGGCCGCA
AAAAGGGCGAGGCGCGCTGCTCCTCCGAGGACGACGATTCCAAGGAGTCCACGTGCAGCCCCACGCCGA
TAGCACCGCCTCGCTGCCGCCGCCCTGCGCCGGCCTGGCCAGCCCGCGCTGAGCCCCAGCCCGCTG
CCCGTCGCACTGGGCTCCGGGCCGGGACCTGGGCCGGGCCACAGCCGCTCAAGGGCGCACTGTGGGCCG
GTGTGGCGGGCGGTGGGGCGGGGGCCTGGCGCGGAGCGGCCGAACCTTAAGGCTTGGCAGCCGGC
GGAGTCCGGCCCCGGGCCCTTCCGGGGTTCTGTCTCTTTACCGGAAGCCCGGCCCGCCCTGAAG
ACCAATCTCTTC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTAA



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Protein Sequence:	>RC208331 representing NM_005169 Red=Cloning site Green=Tags(s) MDYSYLNsyDSCVAAMEASAYGDFGACSQPGGFQYSPLRPAFPAAGPPCPALGSSNCALGALRDHQPAPY SAVPYKFFPEPSGLHEKRKQRRIRTTFTSAQLKELERVFAETHYPDIYTREELALKIDLTEARVQVWFQN RRAKFRKQERAASAKGAAGAAGAKKGEARCSSEDDDSKESTCSPTPDSTASLPPPPAPGLASPRLSPL PVALGSGPGPGPGPQLKGALWAGVAGGGGGPGAGAAELLKAWQPAESGPGPFGVLSSFHRKPGPALK TNLF SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005169
ORF Size:	852 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_005169.3</u>
RefSeq Size:	1716 bp
RefSeq ORF:	855 bp
Locus ID:	401
UniProt ID:	<u>O14813</u>
Cytogenetics:	11q13.4
MW:	29.7 kDa