

Product datasheet for **RC219852A1V**

Human PAX3 (NM_181458) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PAX3 (NM_181458) AAV Particle
Tag:	Myc-DDK
Symbol:	PAX3
Synonyms:	CDHS; HUP2; WS1; WS3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219852 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCACGCTGGCCGGCGCTGTGCCAGGATGATGCGGCCGGGCCGGGGCAGAACTACCCGCGTAGCG
 GGTCCCGCTGGAAGTGTCCACTCCCCTCGGCCAGGGCCGCTCAACCAGCTCGCGGTGTTTTATCAA
 CGGCAGCCGCTGCCAACCACATCCGCCACAAGATCGTGGAGATGGCCACCACGCGATCCGGCCCTGC
 GTCATCTCGCGCCAGCTGCGCGTGTCCACGGCTGCGTCTCCAAGATCCTGTGCAGGTACCAGGAGACTG
 GCTCCATACGTCTGGTCCATCGGGCGCAGCAAGCCCAAGGTGACAACGCTGACGTGGAGAAGAAAAT
 TGAGGAATACAAAAGAGAGAACCCGGGCATGTTACAGCTGGGAAATCCGAGACAAATTAACAAGGACGCG
 GTCTGTGATCGAAACACCGTGCCGTGAGTTCATCAGCCGCATCCTGAGAAGTAAATTCGGGAAAG
 GTGAAGAGGAGGAGCCGACTTGAGAGAGGAAGGAGGCAGAGGAAAGCAGAGAAGAGGCCAAACACAGCAT
 CGACGGCATCCTGAGCGAGCGAGCCTCAGCACCCCAATCAGATGAAGGCTCTGATATTGACTCTGAACCA
 GATTTACCACTAAAGAGGAAACAGCGCAGAAGCCGAACCACTTCACAGCAGAACAGCTGGAGGAACTGG
 AGCGTGCTTTTGGAGAACTCATTACCTGACATTTACTAGGGAGGAACTGGCCAGAGGGCGAAGCT
 CACCGAGGCCGAGTACAGGTCTGGTTTAGCAACCGCCGTGCAAGATGGAGGAAGCAAGCTGGGGCCAAT
 CAACTGATGGCTTTCAACCATCTCATTCCCGGGGGTTCCTCCCACTGCCATGCCGACCTTGCCAACGT
 ACCAGCTGTGGAGACCTCTTACCAGCCACATCTATCCACAAGCTGTGTGAGTCCCAGCAGCACCGT
 TCACAGACCTCAACCGCTTCTCAAGCACTGTACACCAAGCAGGATTCCTTCAACCCAGACAGCAGC
 TCTGCCTACTGCCTCCCAGCACCAGGCATGGATTTCCAGCTATACAGACAGCTTTGTGCCTCCGTCGG
 GGCCCTCAACCCCATGAACCCACCATTGGCAATGGCCTCTCACCTCAGGTAATGGGACTCCTGACCAA
 CCACGGTGGGGTACCTCATCAGCCCCAGACTGATTACGGCGCTCTCCCCTCTCACCGGGGGTCTGGAACT
 ACCACCACGGTGTGGCCAGCTGCAGTACAGACTAGACCATATGAAGAGCTTGGACAGTCTGCCAAT
 CTCAGTCTACTGTCCACCCACCTATAGCACACAGGCTACAGTATGGACCCTGTACAGGCTACCAATA
 TGGGCAGTATGGACAAAGTGCCTTTTATTATCTCAAGCCAGATATCGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219852 protein sequence
 Red=Cloning site Green=Tags(s)

MTTLGAVPRMMPGPGQNYPRSGFPLEVSTPLQGRVNQLGGVFINGRPLPNHIRHKIVEMAHHGIRPC
 VISRQLRVSHGCVSKILCRYQETGSIRPGAIGGSKPKVTTPDVEKKIEEYKRENPGMFSWEIRDKLLKDA
 VCDRNTVPSVSSISRILRSKFGKGEEDLERKEAEESEKKAKHSIDGILSERASAPQSDGSDIDSEP
 DLPLKRKQRRSRTTFTAEQLEELERAFERTHYPDYITREELAQRAKLEARVQVWFNNRRARWRKQAGAN
 QLMFNFHLIPGGFPPTAMPTLPTYQLSETSYQPTSIPQAVSDPSSTVHRPQPLPPSTVHQSTIPSNPDSS
 SAYCLPSTRHGFSSYTDFVPPSGPSNPMNPTIGNGLSPQVMGLLTNHGGVPHQPQTDYALSPLTGGLEP
 TTTVSASCSQRLDHMKSLDSLPTSQSYCPPTYSTTGYSMDPVTGYQYQYQSAFHLYKPDIA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_181458

ORF Size:

1449 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_181458.1</u>
RefSeq Size:	3359 bp
RefSeq ORF:	1455 bp
Locus ID:	5077
UniProt ID:	<u>P23760</u>
Cytogenetics:	2q36.1
MW:	53.3 kDa