

Product datasheet for **RR216801A1V**

Rat Pax7 (NM_001191984) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Pax7 (NM_001191984) AAV Particle
Tag:	Myc-DDK
Symbol:	Pax7
Synonyms:	RGD1564360
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RR216801 representing NM_001191984
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGCTGCCCGCGCGGTCCCCAGGATGATGAGACCCGGCCCGGGCAGAACTACCCGCGCACCG
 GCTTCCCCCTGGAAGTGTCCACCCTCTTGGCCAAGGCCGGGTCAATCAGCTTGGTGGGTCTTCATCAA
 CGGGCGACCCCTGCCGAACCATATCCGGCACAAGATAGTGAAATGGCCACCACGCGATCCGGCCCTGC
 GTCATCTCCCGTCAGCTCCGCGTATCCCATGGCTGTGTCTCCAAGATTCTGTGCCGTACCGAGGAGCTG
 GGTCCATCCGGCCCGGGGCCATCGGTGGCAGCAAGCCAGACAGGTGGCGACTCCGGATGTGGAGAAAAA
 GATTGAGGAGTATAAGAGGGAGAACCCCGGAATGTTAGCTGGGAAATCCGGGACCGGTCTGAAGGAC
 GGCCACTGTGACCGCAGCAGGTGCCCTCAGTGAGTTCGATTAGCCGAGTGCTCAGAATCAAGTTCGGGA
 AGAAAGAGGACGATGAGGAAGGAGACAAAAGGAAGAAGATGGCGAGAAGAAAGCCAAACACAGCATCGA
 TGGCATCTGGCGCAGAAAGGCAACCGTCTTGATGAAGGCTCGGACGTGGAATCAGAACCCGACCTCCCA
 CTGAAGCGTAAGCAGCGTCGCAGTCGGACCACATTACGGCTGAGCAGCTGGAGGAGCTGGAGAAGGCTT
 TCGAGAGGACCACTACCCGGACATCTACACCCGGGAGGAGCTGGCACAGAGGACCAAGCTCACGGAGGC
 ACGCGTCCAGGTCTGGTTCAGTAACCGTCGTGCGCGCTGGCGCAAGCAGGCAGGCGCTAACCCAGCTGGCC
 GCCTTCAACCACCTTCTGCCGGGAGGTTTCCACCCACTGGTATGCCACGCTGCCACCTTACCAGCTGC
 CGGACTCTGCCTATCCCAACCACACCGTCTCCCAAGATGGGGGCAGCACAGTACACAGGCCCCAGCCCCT
 TCCGCCATCAACCATGCATCAGGTGGGCTGGCTGCGGCCGCTGCAGCAGCTGACAGCAGCTCTGCCTAC
 GGAGCCCGCCACAGCTTCTCCAGCTACTCGGACAGCTTCATGAACCCCGGGGCCCTTCAACCATGA
 ACCCCGTCAGCAATGGCTGTCTCCTCAGGTGATGAGCATTCTCAGCAACCCGAGTGCTGTGCCTCCACA
 GCCCCAGGCCGACTTCTCCATCTCCCGCTGCATGGAGGTCTGGACTCTGCCTCCTCCATCTCAGCCAGT
 TGCAGCCAGCGGGCCGACTCCATCAAGCCAGGAGACAGCTTGCCACCTCCAGTCTTACTGCCACCCA
 CCTACAGCACCACGGGTACAGTGTGGACCCTGTGGCTGGTTACCAGTACAGCCAGTACGGTCAAAGTGC
 TGTTGATTACCTGGCCAAAACGTGAGCCTGTCTACACAGCGCGTATGAAGCTCGGGGAACACTCCGCG
 GTGCTGGGACTTCTTCTGTGGAGACGGGACAAGCCTAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAALPGAVPRMMRPGPGQNYPRGTGFPLEVSTPLGQGRVNQLGGVFINGRPLPNHIRHKIVEMAHHGIRPC
 VISRQLRVSHGCVSKILCRYQETGSIRPGAIGGSKPRQVATPDVEKKIEEYKRENPGRMFWEIRDRLKLD
 GHCDRSTVPSVSSISRVLRIFGKKEDDEEGDKKEEDGEKKAKHSIDGILGDKGNRLDEGSDVESEPDLP
 LKRKQRRSRTTFTAEQLEELEKAFERTHYDPIYTRELAQRTKLTEARVQVWFSNRRARWRKQAGANQLA
 AFNHLLPGGFPPPTGMPTLPPYQLPDSAYPTTTSQDGGSTVHRPQPLPPSTMHQGLAAAAAADSSAY
 GARHSFSSYSDFMNPAGPSNHMNPVSNGLSPQVMSILSNPSAVPPQPQADFISPLHGGLDSASSISAS
 CSQRADSIKPGDSLPTSQSYCPPTYSTTGYSVDPVAGYQYSYQGTAVDYLAKNVSLSTQRRMKLGEHSA
 VLGLLPVETGQAY

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Rat

Serotype:

AAV-2

ACCN:

NM_001191984

ORF Size:

1509 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_001191984.1, NP_001178913.1</u>
RefSeq Size:	1512 bp
RefSeq ORF:	1512 bp
Locus ID:	500574
Cytogenetics:	5q36
MW:	54.9 kDa