

Product datasheet for **RR214647A1V**

Rat Pax6 (NM_013001) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Pax6 (NM_013001) AAV Particle
Tag:	Myc-DDK
Symbol:	Pax6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RR214647 representing NM_013001 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAGAACAGTCACAGCGGAGTGAATCAGCTTGGTGGTGTCTTTGTCAACGGGCGGCCACTGCCGGACT
CCACCCGGCAGAAGATCGTAGAGCTAGCTCACAGCGGGGCCCGGTGCGACATTTCCCGAATTCTGCA
GGTGTCCAACGGATGTGTGAGTAAAATCTGGGCAGGTATTACGAGACTGGCTCCATCAGACCCAGGGCA
ATCGGAGGCGATAAGCCAAGAGTGGCGACTCCAGAAGTTGTAAGCAAAATAGCCAGTATAAACGGGAGT
GCCCGTCCATCTTTGCTTGGGAAATCCGAGACAGATTACTCTCCGAGGGGGTCTGTACCAACGACAATAT
ACCCAGTGTGTCAATAAACAGAGTTCTTCGCAACCTGGCTAGCGAAAAGCAACAGATGGGCGCAGAC
GGCATGTATGATAAACTAAGGATGCTGAACGGACAGACCGGAAGCTGGGGCACCCGCCCTGGTTGGTATC
CCGGGACGTCACTACAGGGCAACCCACGCAAGACGGCTGCCAGCAACAGGAAGGACAGGGAGAAAAAC
CAACTCCATCAGCTCCAATGGAGAAGACTCGGATGAGGCTCAAATGCGGCTGCAGCTGAAGCGGAAGCTG
CAGAGAAATAGAATCTTTTACCCAGGAGCAGATTGAGGCTCTGGAGAAAGAGTTTGAGAGGCCATT
ATCCAGATGTGTTGCCCGGAAAGACTAGCAGCAAAATAGATCTACCTGAAGCAAGGATACAGGTGTG
GTTTTCTAACCGAAGGGCCAAGTGGAGAAGAGAAGAAAACTGAGGAACCAGAGAAGACAGGCCAGCAAC
ACCCGAGTCACATCCCTATCAGCAGCAGTTTCAGTACCAGTGTCTACCAGCAATTCACAGCCACCA
CACCTGTCTCCTCTTACATCGGGTTCATGTTGGCCGCACAGACACCGCCCTCACCAACACGTACAG
TGCTTTGCCGCCGATGCCAGCTTACCATGGCAAATAACCTGCCTATGCAACCCCGAGTCCCGAGTCAG
ACCTCCTCGTACTCCTGCATGCTGCCACCAGCCCTTCAGTGAATGGGCGGAGTTATGATACCTACACCC
CTCCGCACATGCAAAACACATGAACAGTCAGCCCATGGGCACCTCGGGAACCACTTCAACAGGACTCAT
TTCACCTGGAGTGTCAAGTCCCGTCCAAGTTCGGGAAGTGAACCTGACATGTCTCAGTACTGGCCTCGA
TTACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RR214647 representing NM_013001 Red=Cloning site Green=Tags(s)</p> <p>MQNSHSGVNLGGVFNVRPLPDSTRQKIVELAHSGARPCDISRILQVSNCGVSKILGRYYETGSIRPRA IGGSKPRVATPEVVSKIAQYKRECPSIFAWEIRDRLLEGVCTNDNIPSVSSINRVLRLNLASEKQMGAD GMYDKLRMLNGQTGSWGTRPGWYPGTSVPGQPTQDGCQQEGQGENTNSISSNGEDSDEAQMRLQLKRKL QRNRTSFTQEIEALEKEFERHTYPDVFAERLAAKIDLPEARIQVWFSNRRAKWRREEKLRNQRQASN TPSHIPISSFSSTSVYQPIQPPTPVSSFTSGSMLGRDTALTNTYSALPPMPSTMANNLPMQPPVPSQ TSSYSCLPTSPSVNGRSYDITYPPHMQTHMNSQPMGTSGTTSTGLISPGVSVVPVQVPGSEPDMSQYWPR LQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Rat
Serotype:	AAV-2
ACCN:	NM_013001
ORF Size:	1266 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_013001.2</u> , <u>NP_037133.1</u>
RefSeq Size:	2191 bp
RefSeq ORF:	1269 bp
Locus ID:	25509
UniProt ID:	<u>P63016</u>
Cytogenetics:	3q33
MW:	47.2 kDa