

Product datasheet for **RC203815A1V**

Human PAX6 (NM_000280) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human PAX6 (NM_000280) AAV Particle
Tag: Myc-DDK
Symbol: PAX6
Synonyms: AN; AN1; AN2; ASGD5; D11S812E; FVH1; MGDA; WAGR
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC203815 representing NM_000280
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCAGAACAGTCACAGCGGAGTGAATCAGCTCGGTGGTGTCTTTGTCAACGGGCGGCCACTGCCGGACT
 CCACCCGGCAGAAGATTGTAGAGCTAGCTCACAGCGGGGCCGGCCGTGCGACATTTCCCGAATTCTGCA
 GGTGTCCAACGGATGTGTGAGTAAAATCTGGGCAGGTATTACGAGACTGGTCCATCAGACCCAGGGCA
 ATCGGTGGTAGTAAACCGAGAGTAGCGACTCCAGAAGTTGTAAGCAAAATAGCCCAAGTAAAGCGGGAGT
 GCCCGTCATCTTTGCTTGGGAAATCCGAGACAGATTACTGTCGAGGGGGTCTGTACCAACGATAACAT
 ACCAAGCGTGTATCAATAAACAGAGTTCTTCGCAACCTGGCTAGCGAAAAGCAACAGATGGGCGCAGAC
 GGCATGTATGATAAACTAAGGATGTTGAACGGGCAGACCGGAAGCTGGGGCACCCGCCCTGGTTGGTATC
 CGGGGACTTCGGTGCCAGGGCAACCTACGCAAGATGGCTGCCAGCAACAGGAAGGAGGGGAGAGAATAC
 CAACTCCATCAGTTCCAACGGAGAAGATTCAGATGAGGCTCAAATGCGACTTCAGCTGAAGCGGAAGCTG
 CAAAGAAATAGAATCCTTTACCCAAGAGCAAATGAGGCCCTGGAGAAAGAGTTTGAGAGAACCCATT
 ATCCAGATGTGTTGCCCGAGAAAGACTAGCAGCCAAAATAGATCTACCTGAAGCAAGAATACAGGTATG
 GTTTTCTAATCGAAGGGCCAAAATGGAGAAGAGAAGAAAATGAGGAATCAGAGAAGACAGGCCAGCAAC
 ACACCTAGTCATATTCCTATCAGCAGTAGTTTTCAGCACCAGTGTCTACCAACCAATCCACAACCCACCA
 CACCGGTTTCCTCCTTACATCTGGCTCCATGTTGGGCCGAACAGACACAGCCCTCACAACACCTACAG
 CGCTCTGCCGCCTATGCCAGCTTCACCATGGCAAATAACCTGCCTATGCAACCCCCAGTCCCCAGCCAG
 ACCTCCTCATACTCCTGCATGCTGCCACCAGCCCTTCGGTGAATGGGCGGAGTTATGATACCTACACCC
 CCCCACATATGCAGACACACATGAACAGTCAGCCAATGGGCACCTCGGGCACCCTTCAACAGGACTCAT
 TTCCCTGGTGTGTCAGTTCAGTTCAGTTCCAGTTCCCGAAGTGAACCTGATATGTCTCAATACTGGCCAAGA
 TTACAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203815 representing NM_000280 Red=Cloning site Green=Tags(s) MQNSHSGVNLGGVFNVRPLPDSTRQKIVELAHSGARPCDISRILQVSNGCVSKILGRYYETGSIRPRA IGGSKPRVATPEVVSKIAQYKRECPSIFAWIIRDRLLEGVCTNDNIPSVSSINRVLNRLASEKQQMGAD GMYDKLRMLNGQTGSWGTRPGWYPGTSVPGQPTQDGCQQEQQGENTNSISSNGEDSDEAQMRLQLKRRKL QRNRTSFTQEQIEALEKEFERHTYPDVFAERELAAKIDLPEARIQVWFSNRRRAKWRREEKLRNQRQASN TPSHIPISSSFSTSVYQPIQPPTPVSSFTSGSMLGRDTALTNTYSALPPMPSFTMANNLPMQPPVPSQ TSSYSCLPTSPSVNGRSYDITYPPHMQTHMNSQPMGTSGTTSTGLISPGVSVVPVQVPGSEPDMSQYWPR LQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000280
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:	NM_000280.4
RefSeq Size:	6969 bp
RefSeq ORF:	1269 bp
Locus ID:	5080
UniProt ID:	P26367
Cytogenetics:	11p13
MW:	46.7 kDa