

Product datasheet for RC212112A1V

Human PAX2 (NM_000278) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PAX2 (NM_000278) AAV Particle
Tag:	Myc-DDK
Symbol:	PAX2
Synonyms:	FSGS7; PAPRS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212112 representing NM_000278 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATATGCACTGCAAAGCAGACCCCTTCTCCGCGATGCACCGGCACGGGGGTGTGAACCAGCTCGGGG
GGGTGTTTGTGAACGGCCGGCCCTACCCGACGTGGTGAGGCAGCGCATCGTGGAGCTGGCCACACAGG
TGTGCGGCCCTGTGACATCTCCCGGCAGCTGCGGGTCAGCCACGGCTGTGTCAGCAAAATCCTGGGCAGG
TACTACGAGACCGGCAGCATCAAGCCGGGTGTGATCGGTGGCTCCAAGCCCAAAGTGGCAGCGCCAAAG
TGGTGGACAAGATTGCTGAATACAAACGACAGAACCCGACTATGTTGCGCTGGGAGATTGAGACCGGCT
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AAAGTTCAGCAGCCTTTCCACCCAACGCCGGATGGGGCTGGGACAGGAGTGACCGCCCTGGCCACACCA
TTGTTCCAGCACGGCCTCCCCTCCTGTTTCCAGCGCCTCCAATGACCCAGTGGGATCCTACTCCATCAA
TGGGATCCTGGGATTCTCGCTCCAATGGTGAGAAGAGGAAACGTGATGAAGATGTGTCTGAGGGCTCA
GTCCCAATGGAGATCCAGAGTGGTGTGGACAGTTTGCAGGACACTTGCAGCTGACACCTTACCC
AGCAGCAGCTGGAAGCTTTGGATCGGGTCTTTGAGCGTCTTCTACCTGACGTCTTCCAGGCATCAGA
GCACATCAAATCAGAACAGGGGAACGAGTACTCCCTCCAGCCCTGACCCCTGGGCTTGATGAAGTCAAG
TCGAGTCTATCTGCATCCACCAACCCTGAGCTGGGCAGCAACGTGTCAGGCACACAGACATACCCAGTTG
TGACTGTCGTGACATGGCGAGCACCCTCTGCCTGGTTACCCCTCAGTGCCCCCACTGGCCAGGG
AAGCTACCCACCTCCACCTGGCAGGAATGGTGCCTGGGAGCGAGTTCTCCGGCAACCCGTACAGCCAC
CCCCAGTACACGGCCTACAACGAGGCTTGAGATTGAGCAACCCCGCCTTACTAAGTTCCCTTATTATT
ATAGTGCCGCCCCCGGGGCTCCGCCCTGCCGCTGCTGCCGCTGCTATGACCGCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC212112 representing NM_000278 Red=Cloning site Green=Tags(s) MDMHCKADPFSAMHRHGGVNQLGGVFVNGRPLPDVVRQRIVELAHQGVRPCDISRQLRVSHGCVSKILGR YYETGSIKPGVIGGSKPKVATPKVVDKIAEYKRQNPTMFAWEIRDLLAEGICDNDTVPSVSSINRIIRT KVQQPFHPTPDGAGTGTAPGHTIVPSTASPPVSSASNDPVGSYSINGILGIPRSNGEKRKRDEDVSEGS VPNGDSQSGVDSLRLKHLRADTFTQQLEALDRVFERPSYPDFQASEHIKSEQGNEYSLPALTPGLDEVK SSLASSTNPGLGSNVSGTQTYPVVTGRDMASSTLPGYPPHPPTGQGSYPTSTLAGMVPGSEFSGNPYSH PQYTAYNEAWRFSNPALLSSPYYYSAAPRGSAAPAAAAAYDRHTRTRPLEQKLISEEDLAANDILDYKDD DDKV* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000278
ORF Size:	1179 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_000278.2
RefSeq Size:	4207 bp
RefSeq ORF:	1185 bp
Locus ID:	5076
UniProt ID:	Q02962
Cytogenetics:	10q24.31
MW:	41.9 kDa