

## Product datasheet for RC212051A1V

### Human PAX2 (NM\_003987) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human PAX2 (NM_003987) AAV Particle
Tag:	Myc-DDK
Symbol:	PAX2
Synonyms:	FSGS7; PAPRS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212051 representing NM_003987 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGGATATGCACTGCAAAGCAGACCCCTTCTCCGCGATGCACCCAGGGCACGGGGGTGTGAACCAGCTCGGGGGGTGTTGTGAACGGCCGGCCCTACCCGACGTGGTGAGGCAGCGCATCGTGGAGCTGGCCACCA GGGTGTGCGGCCCTGTGACATCTCCCGGACGTGCGGGTCAGCCACGGCTGTGTGAGCAAAATCCTGGGC AGGTACTACGAGACCGGCAGCATCAAGCCGGGTGTGATCGGTGGTCCAAGCCAAAGTGGGAGATTCGAGACCG AAGTGGTGGACAAGATTGCTGAATACAAACGACAGACAGCAACCCGACTATGTTCCGCTGGGAGATTCGAGACCG GCTCCTGGCCGAGGGCATCTGTGACAATGACACAGTGCCGAGCGTCTCTTCCATCAACAGAATCATCCGG ACCAAAGTTCAGCAGCCTTCCACCCAACGCCGATGGGGCTGGGACAGGAGTGACCGCCCTGGCCACA CCATTGTTCCAGCACGGCCTCCCTCCTGTTCCAGCGCCTCCAATGACCCAGTGGGATCCTACTCCAT CAATGGGATCCTGGGATTCTCGTCCAATGGTGAGAAGAGGAAACGTGATGAAGTTGAGGTATACACT GATCCTGCCACATTAGAGGAGGTGGAGGTTGCATCTGGTCTGGACTTAAGAGATGTGTCTGAGGGCT CAGTCCCCAATGGAGATTCCAGAGTGGTGGACAGTTTGGGAAGCACTTGGAGCTGACACCTTCAC CCAGCAGCAGCTGGAAGCTTTGGATCGGGTCTTTGAGCGTCTTCCCTACCCTGACGTCTCCAGGCATCA GAGCACATCAAATCAGAACAGGGGAACGAGTACTCCCTCCAGCCCTGACCCCTGGGCTTGATGAAGTCA AGTCGAGTCTATCTGCATCCACCAACCCCTGAGCTGGGCAGCAAGGTGTCAGGCACACAGACATACCCAGT TGTGACTGGTCTGACATGGCGAGCACCCTCTGCCTGTTACCCCTCACGTGCCCCCACTGGCCAG GGAAGCTACCCACCTCCACCCTGGCAGGAATGGTGCCTGGGAGCGAGTTCTCCGGCAACCCGTACAGCC ACCCCAGTACAGGCCCTACAACGAGGCTTGGAGATTGAGCAACCCCGCCTTACTAAGTCCCTTATTA TTATAGTGCCGCCCCCGGTCCGCCCTGCCGCTGCTGCCGCTGCCTATGACCGCCAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC212051 representing NM_003987  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MDMHCKADPFSAMHPGHGGVNQLGGVVFVNGRPLPDVVRQRIVELAHQGVRPCDISRQLRVSHGCVSKILG  RYYETGSIKPGVIGGSKPKVATPKVVDKIAEYKRQNPTMFAWEIRDLLAEGICDNDTVPSVSSINRIIR  TKVQQPFHPTPDGAGTGTAPGHTIVPSTASPPVSSASNDPVGSYSINGILGIPRSNGEKRRKRDVEVEVYT  DPAHIRGGGGLHLVWTLRDVSEGSVPNGDSQSGVDSLRLKHLRADTFTQQLEALDRVFERPSYPDVFQAS  EHIKSEQGNEYSLPALTPGLDEVKSSLASTNPELGSNVSGTQTYPVVTGRDMASSTLPGYPPHPPTGQ  GSYPTSTLAGMVPGESEFSGNPYSHPQYTAYNEAWRFSNPALLSSPYYSAAAPRSAPAAAAAYDRH</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_003987
<b>ORF Size:</b>	1248 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_003987.2</a>
<b>RefSeq Size:</b>	4276 bp
<b>RefSeq ORF:</b>	1254 bp
<b>Locus ID:</b>	5076
<b>UniProt ID:</b>	<a href="#">Q02962</a>
<b>Cytogenetics:</b>	10q24.31
<b>MW:</b>	44.5 kDa