

## Product datasheet for RC200651A1V

### Human PAX8 (NM\_003466) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human PAX8 (NM_003466) AAV Particle
Tag:	Myc-DDK
Symbol:	PAX8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200651 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCTCACAACCTCCATCAGATCTGGCCATGGAGGGCTGAACCAGCTGGGAGGGGCCTTTGTGAATGGCA  
GACCTCTGCCGGAAGTGGTCCGCCAGCGCATCGTAGACCTGGCCACCAGGGTGTAAAGCCCTGCGACAT  
CTCTCGCCAGCTCCGCGTCAGCCATGGTGCCTCAGCAAGATCCTTGGCAGGTAACGAGACTGGCAGC  
ATCCGGCTGGAGTGATAGGGGGCTCCAAGCCAAAGTGGCCACCCCAAGTGGTGGAGAAGATTGGGG  
ACTACAAACGCCAGAACCCTACCATGTTTGGCTGGGAGATCCGAGACCGGCTCCTGGCTGAGGGCGTCTG  
TGACAATGACACTGTGCCAGTGTGAGCTCCATTAATAGAATCATCCGGACCAAAGTGCAGCAACCATTC  
AACCTCCCTATGGACAGCTGCGTGGCCACCAAGTCCCTGAGTCCCGGACACACGCTGATCCCCAGCTCAG  
CTGTAACCTCCCCGGAGTCACCCAGTCGGATTCCCTGGGCTCCACCTACTCCATCAATGGGCTCCTGGG  
CATCGCTCAGCCTGGCAGCGACAAGAGGAAAAATGGATGACAGTGATCAGGATAGCTGCCGACTAAGCATT  
GACTCACAGAGCAGCAGCAGCGGACCCCGAAAGCACCTTCGCACGGATGCCTTCAGCCAGCACCACTCG  
AGCCGCTCGAGTGCCATTTGAGCGGCAGCACTACCCAGAGGCCTATGCCTCCCCAGCCACACCAAAGG  
CGAGCAGGGCCTCTACCCGCTGCCCTTGCTCAACAGCACCTGGACGACGGGAAGGCCACCCCTGACCCCT  
TCCAACACGCCACTGGGGCGCAACCTCTCGACTCACCAGACCTACCCCGTGGTGGCAGATCCTCACTCAC  
CCTTCGCATAAAGCAGGAAACCCCGAGGTGTCCAGTTCTAGCTCCACCCCTTCTCTTTATCTAGCTC  
CGCCTTTTTGGATCTGCAGCAAGTCCGGCTCCGGGGTCCCGCCCTTCAATGCCTTTCCCATGCTGCCTCC  
GTGTACGGCAGTTCACGGGCCAGGCCCTCCTCTCAGGGCAGAGATGGTGGGGCCACGCTGCCCGGAT  
ACCCACCCACATCCCCACCAGCGGACAGGGCAGCTATGCCTCCTCTGCCATCGCAGGCATGGTGGCAGG  
AAGTGAATACTCTGGCAATGCCTATGGCCACACCCCTACTCCTCTACAGCGAGGCCTGGCGCTTCCCC  
AACTCCAGCTTGCTGAGTTCCCATATTATTACAGTTCACATCAAGGCCGAGTGCACCGCCACCCTG  
CCACGGCCTTTGACCATCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC200651 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MPHNSIRSGHGGLNQLGGAFVNGRPLPEVVRQRIVDLAHQGVRPCDISRQLRVSHGCVSKILGRYYETGS          IRPGVIGGSKPKVATPKVVEKIGDYKRQNPTMFAWEIRDRLAEGVCDNDTVPSVSSINRIIRTKVQQPF          NLPMDSCVATKSLSPGHTLIPSSAVTPPESPQSDSLGSTYSINGLLGIAQPGSDKRKMDSDQDSCRLSI          DSQSSSSGPRKHLRTDAFSQHHLEPLECFERQHYPEAYASPSHTKGEQGLYPLPLLNSTLDDGKATLTP          SNTPLGRNLSTHQYTPVVADPHSPFAIKQETPEVSSSSSTPSSLSSSAFLDLQQVGSVPPFNAFPHAAS          YYGQFTGQALLSGREMGPTLPGYPPHIPTSGQGSYASSAIAGMVAGSEYSGNAYGHTPYSSYSEAWRFP          NSSLLSSPYYSSTSRPSAPPTTATAFDHL</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_003466
<b>ORF Size:</b>	1350 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>	<u><a href="#">NM_003466.2</a></u>
<b>RefSeq Size:</b>	4065 bp
<b>RefSeq ORF:</b>	1353 bp
<b>Locus ID:</b>	7849
<b>UniProt ID:</b>	<u><a href="#">Q06710</a></u>
<b>Cytogenetics:</b>	2q14.1
<b>MW:</b>	48.2 kDa