

## Product datasheet for **MR230316A1V**

### Mouse Pars2 (NM\_001285783) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pars2 (NM_001285783) AAV Particle
Tag:	Myc-DDK
Symbol:	Pars2
Synonyms:	BC027073
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR230316 representing NM\_001285783  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTGCTGGGCTAATAGACATGGAAGGATCCACATCTTGGATCCCGTGTGAGAACCAAGTTAATCGTCA  
 TCCACAGTGACTIONTTTTCTCCAGGTGCCAGGTGTCATGGAAGGTCTGCTGACAAGATGCAGAACACT  
 GTCTGCCTTGGCTGCCTGCAGCCTCCGTCAGTACATCATCCACAAGTGTACCATCGTGCGCC  
 GGGAGAGGGCAGCGCTTGGTATTATCCCGCATGTTCCAGCCTCAGAACCTTCGGGAAGACCAGGTGCTTT  
 CTCTGGAGGGCAGAGCTAGCGACCTGACCTGTAAGAGCCAGCGGTGATGCTGCAAGTGGCCTGATCCT  
 TCCAGCCAGCCCTGGCTGTACCACCTCATGCCCTATACAGTGCCTGCCGTGGAGAAGCTTGTGCGGGT  
 ATAGACCAGGAGATGCAGGCCATCGCGGGCAGAAAATCAACATGCCAGCCTCAGCCAGCTGAGCTGT  
 GCGGGCCACCAGCCGCTGGACCTGATGGCAGGGAGCTGCTGAGACTGAGAGACAGGCACGGCAAAGA  
 GTACTGCTTGGACCGACTCATGAGGAAGCGGTTACAGCCCTGGTTGCCTCCCAGAAGAACTTTCTAC  
 AAGCAGTCCCCTTGTGTTGTACCAGTTACAAGGAAGTTTCGGGATGAGCCAGGCCCGGTTTGGTC  
 TTCTCCGTGGCCGGGAGTTCTATATGAAGGACATGTACACCTTTGATTCTCCTCTGAGGCTGCCAGGA  
 AACCTACGGCCTGGTGTGTGATGCTTACTGTAGGCTGTTTACAGGCTGGGATTGCAATGGATGAAGCC  
 AGGGCAGATGTGGCAGCATCGGGGCACGATGTCCCATGAATCCAGCTACCAGTGGACATTGGAGAGG  
 ACCGCCTTGTGGTCTGTCCCAGCTGCCACTTCTCCGCAACACAGAGATACTAGACTTGTACAAAAAT  
 CTGCCCTGACTGCCAGGTCCACTGACAGAAACCAAGGCATTGAGGTGGGCACACATTCTACCTTAGT  
 ACCAAGTACTCTCCATTTCAATGCCCTCTTTACCAATGCCCATGGGAATCTTTGCTGGTGAATGG  
 GGTGCTACGGGCTGGGAGTCACTGGATCCTGGCTGCAGCCATCGAAGTTCTCTACGGAAGACTGCAT  
 CCGCTGGCCCGCCTCCTTGCCCTTACCAAGTCTGTGTCATCCCCCTAAGAAAGGCAGCAAGGAGACA  
 GCAGCCACAGAGATTGTGGAGAAGTTATATGATGACATCATGGAGGCTGTGCCCCAGCTCCGAGGGGAGG  
 TCCTGCTGGACGACAGGACCCACCTGACCATTGAAAACAGACTGAAAGATGCCAACAAAGCTTGGTACCC  
 CTTTGTGATCATTGCGGGCAAGAGGGCCTTGGAGGACCCAGCACACTTTGAGGTTTGGTCTCAGAACACT  
 GGTGAGGTGGTCTTCTCACAAAGAGGGAGTCACTGGAAGTAACTGGAGTGCATGTTGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MCWANRHGRIHILDPVLRKLIIVIPRDSFFSRCQGVMEGLLTRCRTLSALAAACSLRHCRIYIIHKCYHRAP  
 GRGQRLVLSRMFQPQNLREDQVLSLEGRASDLTCKSQRLMLQVGLILPASPGCYHLMPTVRAVEKLVV  
 IDQEMQAIIGGQKINMPSLSPAELWRATSRWDLMGRELLRLRDRHGKEYCLGPTHEEAVTALVASQKLSY  
 KQLPLLLYQVTRKFRDEPRPRFGLLRGREFYMKDMYTFDSSSEAAQETYGLVCDAYCRLFDRGLQWMKA  
 RADVGSIGGTMSEHFQLPVDIGEDRLVVCPSCHF SANTEILDLSQKICPDCQGPLTETKGIIEVGHFTFYS  
 TKYSSIFNALFTNAHGESLLAEMGCYGLGVTRILAAAIEVLSTEDCIRWPRLLAPYQVCVIPPCKGSKET  
 AATEIVEKLYDDIMEAVPQLRGEVLLDDRTHLTIGNRLKANKLGYPFVIIAGKRALEDPAHFVWSQNT  
 GEVVFLKEGVMELLTGHHV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001285783

**ORF Size:**

1533 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>NM_001285783.1, NP_001272712.1</u>
<b>RefSeq Size:</b>	3094 bp
<b>RefSeq ORF:</b>	1536 bp
<b>Locus ID:</b>	230577
<b>Cytogenetics:</b>	4 C7
<b>MW:</b>	57.7 kDa