

## Product datasheet for **MR230046A1V**

### Mouse Chit1 (NM\_001284525) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Chit1 (NM_001284525) AAV Particle
Tag:	Myc-DDK
Symbol:	Chit1
Synonyms:	2300002L19Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR230046 representing NM\_001284525  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGTGCAGTCCCTGGCCTGGGCAGGTGTGATGACTCTGCTGATGGTCCAGTGGGGCTCTGCTGCAAAC  
 TGGTCTGTACCTCACCAACTGGTCCCAGTACCGGACGGAGGCAGTTCGGTTCCTTCCCAGGGATGTGGA  
 TCCCAACTGTGTACCCACGTACTCTTTGCTTTTGGTGAATGGACAACCATCAGCTCAGCACTGTGGAG  
 CACAATGACGAACTTCTCTACCAGGAGCTGAACAGCCTAAAGACTAAGAACCCCAAGCTCAAGACCCTGT  
 TAGCCGTTGGAGGCTGGACCTTTGGTACCCAGAAGTTCACAGACATGGTGGCCACCGCCAGCAACCGGCA  
 GACCTTTGTGAAGTCAGCCCTAAGTTTCTGCGCACTCAAGTTTTGATGGCCTTGACCTTGACTGGGAG  
 TTCCAGGTGGACGTGGAGCCCCACAGTAGACAAAGAGAGATTACAGCCCTGATACAGGACTTGCCCA  
 AAGCCTTCCAGGAGGAAGCCAGTCCTCAGGGAAGGAACGCCTCTTCTGACTGCAGCTGTACCGAGTGA  
 TCGAGGCTGGTGGATGTGGCTACGAGGTGGACAAGATTGCCAGAGCTGGATTTTCATCAACCTTATG  
 GCCTACGACTTCCACAGCTCCTTGGAAAAGACCACAGGGCATAACAGCCCCCTCTACAAAAGGCAAGGAG  
 AAAGTGGGGCAGCCGCTGAGCAAACGTGGATGCTGCTGTGACGCTCTGGCTGCAGAAGGGGACCCAGC  
 CAGCAAATGATCCTTGGCATGCCTACCTATGGACGCTCTTTCACCTTGGCCTCCTCGTCAGACAATGGA  
 GTTGGGGCCCCAGCCACAGGGCCTGGTGGCCCCAGGCCCTATACGAAGGACAAAGGGGTCTGGCTTACT  
 ATGAGGCTGCTCCTGGAAGGAAAGACACAGAATCGAGGACCAGAAGGTGCCTTACGCCTCCAGGACAA  
 CCAGTGGGTGAGCTTTGACGACGTGGAAAGCTTCAAAGCCAAGGCTGCCTACCTGAAACAGAAGGGGCTG  
 GGAGGACCATGGTCTGGGTCTGGACTTGGATGACTTCAAGGGTTCCTTCTGCAACAGGGCCCCGTACC  
 CTCTCATCCGGACACTACGGCAGGAATAATCTTCCATCCGAGACTCCAAGGAGCCAGAACAGATAAT  
 ACCTGAGCCACGCCCATCTTCTATGCCAGAGCAGGGACCCAGCCAGGGCTAGATAACTTCTGCCAAGGC  
 AAAGCTGATGGGGTCTACCCCAACCCTGGAGACGAGTCCACTTACTACAACGTGGAGGAGGGCGGCTGT  
 TCCAGCAGAGCTGCTCCAGGCCTGGTGTAGAGCCTTGGCAAATGTTGTACCTGGAGC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR230046 representing NM\_001284525  
 Red=Cloning site Green=Tags(s)

MVQSLAWAGVMTLLMVQWGSAAKLVCYLTNWSQYRTEAVRFFPRDVPNLCTHVIFAFAGMDNHQLSTVE  
 HNDELLYQELNSLKTKNPKLKTLLAVGGWTFGTQKFTDMVATASNRQTFVKSALSFLRTQGFGLDLDE  
 FPGGRGSPVTKERFTALIQDLAKAFQEEAQSSGKERLLLTAAPVSDRGLVDAGYEVDKIAQSLDFINLM  
 AYDFHSSLEKTTGHNSPLYKRQGESGAAAEQNVDAAVTLWLQKGTTPASKLILGMPTYGRSFTLASSDNG  
 VGAPATGPGAPGYTKDKGVLAAYEACSWKERHRIEDQKVPYAFQDNQWVSFDDVESFKAKAAYLKQKGL  
 GGAMVWVLDLDDFKGSFCNQGPYPLIRTLRQELNLPSETPRSQEIPEPRPSSMPEQGPSPGLDNFCQG  
 KADGVYPNPGEDESTYINC GGGRLLFQQSCPPGLVFRASCKCTWS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001284525

**ORF Size:**

1392 bp

**Buffer:**

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_001284525.1, NP_001271454.1</u>
<b>RefSeq Size:</b>	1851 bp
<b>RefSeq ORF:</b>	1395 bp
<b>Locus ID:</b>	71884
<b>UniProt ID:</b>	<u>Q9D7Q1</u>
<b>Cytogenetics:</b>	1 E4
<b>MW:</b>	51.1 kDa