

## Product datasheet for **MR212631A1V**

### Mouse Insyn2a (NM\_001143802) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Insyn2a (NM_001143802) AAV Particle
Tag:	Myc-DDK
Symbol:	Insyn2a
Synonyms:	B830028B13Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR212631 representing NM\_001143802  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTCAGCAAGGACTCTGGCAGATGCATACTCACGACACCAGAGCGGGAAGTGGAGCCCGCCGCTGCC  
 TGGCCCTGGAGATGAGATATGCCCTCGACCCTAACCGGCAGATCAAAAAGCGAAACAAAGCTCTGCAGGT  
 GCGTTTTAAGGATATCTGTGAGGCCAGAATGAGCAGAGAGACACACAGCTGTCTTCGGGACCTCTGGGG  
 GAGAAGCGAGAGGCCAAGGCTGTGTCTGCAGGGTGGCCTATCGTAAGTATATGACAGTGCCTGCACGCC  
 GATCCATTCCCAATGTCACCAAGAGCACCAGGTGTGCAGACCTCACCAGATCTTCGCAAGTGTACCAGAC  
 ATCCCGCTGGACCGCAAGAAAGGCAGTCTCAAAGGCCTGCCGGCTGCAGATGCCTTCAAAGCCAGAAC  
 AATGGGTTTCTAGCAGATTCAAAGAGAAGAGCGAGGCGGGACCCATGGAGGAGCCTCGGCCTTGCAGTG  
 CAGGAAGGATTCACAAGACCACCGCATTGGTTTTCCATTCCAATGAGCACGTGAACGCACTGGGACAGCC  
 TTCTGGGGTCAACTGTGCAGAGCTCTGTAAGTCTCCAGATGTGCTTGGCTACCCAGAGGCTGTTTTGCAA  
 AACTCTCGGCCTCCCTCTGAGGAGCCATCCACCAGCTGCAGGGGAGAGCTAAGCTTGACAGGGGACCC  
 TGGACTCAGAGGAGCCGGCTCCACTCACCCACGGAAGGGTGTAAAACCGAGGTCGCCACTGTGTATCC  
 GCCTGCCATCAGTACCAGGGCCCTGAGCCTGGCTTGTCAAACCTGCTGCTGCCAGCCAGTGGTCTCTC  
 TGCCCTGCAGATGAGGAGCAGAGGCGAGCCGCCACCTCAATGGGCTACAGGCATCCACAGGCTCTGCTG  
 TGGCCTGCTCAACCCCGTGCAGTACCTGTCCCAGAATGTAGCGAACAGCCCTGCAGAACCAGCCTAG  
 CCCACAGCTGGGATAGGGGATGAAGAACCAACAAATTTGTGCCTCACACAGAGGTGGTAGACCTCAAG  
 GCCAGCTGCAGGTGATGGAGAACTTAATCAGCTCTAGCCAGGAGACCATCAAAGTGTCTGGGAGTTA  
 TTCAGGAGCTGGAGAAAGGAGAAGCCCATCGGGAAGGGCTTTCATATCGGACGGGGCAAGACACAGCTAA  
 TTGTGACACGTGCAGGAACAGTGCATGTATTATCTATAGTGTGGAGCTGGATTTAAGCAACAAGAAGAC  
 AAAGTGCAGCCTGTGCTGAGAAAAGTGCACCCTGTCGAGGAAACTCAGGTCATCCCTTCGCCCTACCCCT  
 AGGAGACTCACTCCTCCACGCCAAGCAAAAATCCAAAAGTGTGCAAAAAGCATGGCAGGTGGAAAAGT  
 CTGTTTCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR212631 representing NM\_001143802  
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MVSKDSGRCIL TTPEREVEPAACLALEMRYALDPNRQIKKRNKALQVRFKIDICEAQNEQRDTQLSSGPLG  
 EKREKAVSCRVAIRKYMTVPARRSIPNVTKSTGVQTSPLDRKCYQTFPLDRKKGSLKGLPAADAFKSQN  
 NGFLADSKEKSEAGPMEPRPCSAGRIHKTTALVFHSNEHVNALGQPSGVNCAELCKSPDVLGYPEAVLQ  
 NSRPPSEPIHQIQGRAKLDRTLDSEEPAPLTHGRVFKTEVATVYPPAISTRAPPEPLSNSAAASQWSL  
 CPADEEQRRAAHLNGLQASTGSAVACSTPVQYLSPECSEQPLQNQPSPTAGIGDEEHQQIVPHTEVVDLK  
 AQLQVMENLISSQETIKVLLGVIQELEKGEAHREGLSYRTGQDTANCDTCRNSACIIYSVELDFKQVED  
 KLQPVLRKLHPVEETQVIPSYPQETHSSTPKQKSKTESKKHGRWKLWFL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001143802

**ORF Size:**

1410 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_001143802.1, NP_001137274.1</u>
<b>RefSeq Size:</b>	4637 bp
<b>RefSeq ORF:</b>	1413 bp
<b>Locus ID:</b>	627214
<b>Cytogenetics:</b>	7 F3
<b>MW:</b>	51.9 kDa