

Product datasheet for **MR229749A1V**

Mouse *Acy1* (NM_001276442) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Acy1
Synonyms:	1110014J22Rik; Acy-1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR229749 representing NM_001276442 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACCACCAAGGATCCCGAGTCTGAGCACCCCTCCGTGACGCTCTTCCGCCAGTACCTGCGCATCTGCA
CTGTGCAACCCAATCCAGACTATGGAGGGGCCATCACCTTCTGGAGGAGAGAGCCCGCCAGCTGGGTCT
GAGCTGTCAGAAAATAGAGGTGGTGCCTGGCTTTGTGATCACTGTGCTGACCTGGCCAGGCACCAACCCG
TCACTCCCCTCCATCTTGCTAAACTCCACACAGATGTGGTACCTGTCTTCAAGGAACATTGGCATCACG
ACCCCTTTGAGGCCTTCAAGGATCCGAGGGCTACATCTATGCTAGGGGCTCCAGGACATGAAGAGTGT
CAGCATCCAGTACCTGGAAGCTGTGAGGAGGCTGAAGAGCGAGGGCCACCGATTCCCTAGGACCATCCAC
ATGACCTTTGTGCCTGACGAGGAGGTGCGAGGTCAAGGGGATGGAGTTGTTTGTGAAGAGGCCTGAGT
TCCAGGCTCTGCGGGCAGGCTTCGTTCTGGACGAGGGCCTGGCCAACCCACGGATGCCTTTACTGTCTT
TTATAGTGAGCGGAGTCTTGGTGGGTACAGGTTACCAGCACTGGGAAGCCAGGCCATGCCTCACGCTTC
ATTGAGGATACAGCTGCAGAGAAGTTGCATAAGGTTATAAGCTCCATCTTGGCATTCCGGGAGAAGGAAA
GGCAGAGGCTGCAGGCGAACCCTCACCTGAAGGAAGGCGCCGTGACTTCGGTGAATCTGACCAAGCTTGA
AGGTGGCGTGGCCTATAATGTGGTACCTGCCACTATGAGTGCCAGCTTTGACTTCCGAGTGGCACCAGAT
GTAGACATGAAGGCCTTCGAGAAGCAGCTGCAGAGATGGTGCCAGGAAGCAGGAGAGGGGTACACCTTTG
AGTTTGCTCAGAAGTTTACAGAGCCTCGAATGACACCCACGGATGATTGAGATCCCTGGTGGGCAGCTTT
CAGCGGAGCCTGCAAGGCAATGAACCTCACTCTGGAGCCAGAGATCTTCTGCTGCCACTGACAGCCGC
TTTATCCGGGCGGTGGGGATCCAGCTCTGGGCTTCTCGCCATGAACCGCACCTGTCTGCTACATG
ACCATAATGAACGGCTGCATGAGGATATTTCTCCGTGGGTTGACATATATACAGGCCTCCTCTCTGC
ACTTGCTAGTGTGCCACCCTGCCTAGTGAAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR229749 representing NM_001276442 Red=Cloning site Green=Tags(s) MTTKDPESEHPSVTLFRQYLRICTVQPNPDYGGAITFLEERARQLGLSCQKIEVVPGFVITVLTWPGTNP SLPSILLNSHTDVVPVFKEHWHDPFEAFKDSEGYIYARGSQDMKSVSIQYLEAVRRLKSEGHRFPRTIH MTFVPDEEVGGHKGMEFVKRPEFQALRAGFVLDEGLANPTDAFTVFYSERSPWWVQVTSTGKPGHASRF IEDTAAEKLHKVISSILAFREKERQRLQANPHLKEGAVTSVNLTKLEGGVAYNVVPATMSASFDFRVAPD VDMKAFKQLQRWCQEAGEGVTFEFAQKFTEPRMPTDDSDPWWAAFSGACKAMNLTLEPEIFPAATDSR FIRAVGIPALGFSMNRTPVLLHDHNERLHEDIFLRGVDIYTGLLSALASVPTLPSES TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001276442
ORF Size:	1224 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	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.
RefSeq:	<u>NM_001276442.1, NP_001263371.1</u>
RefSeq Size:	1455 bp
RefSeq ORF:	1227 bp
Locus ID:	109652
UniProt ID:	<u>Q99JW2</u>
Cytogenetics:	9 57.49 cM
MW:	45.8 kDa