

Product datasheet for **MR209896A1V**

Mouse Leo1 (NM_001039522) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Leo1 (NM_001039522) AAV Particle
Tag:	Myc-DDK
Symbol:	Leo1
Synonyms:	Gm185
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209896 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

 ATGGCGGACATGGAGGACCTCTTCGGGAGCGAAGCTGAGAGCGAGGCCGAGCGCAAAGATTCCGAGTCTG
AGTCCGACTCGGACTCTGACCAGGACAACGGCGCTTCTGGCAGCAACGCCTCTGGCAGCGAAAGTGATCA
GGATGACAGAGGTGACTCCGGACAGCCAGTAACAAGGAAGTTCGGGGACGACAGTGAGGAGGAGGGG
GCCTCTCATCACAGTGGCAGTGACAATCACTCTGAACGGTCAGACAATAGGTCCGAGGCTTCCGAGCGCT
CTGACCACGAGGATAATGAGCCCTCTGACGAGGACCAGCACAGTGGCTCTGAAGCCCACAACGATGACGA
CGATGAGGGCCACAGGTCGGACGAAGGGAGCCGCTCACTCAGAGGCAGAAGGGTCTGAAAAAGCCAGTCA
GATGATGAGAAATGGGATGGAGAGGATAAAAGTGACAGTCAGATGACGAGAAGCTGCAGAACTCTGACG
ACGAGGATCGGGAGCAAGGGTCCGATGAGGATAAGCTGCAGAACTCTGACGACGACGAGGAGAAAATGCA
GAACACAGATGACGAGGACCGGGCCAGATTTCTGATGATGACAGACAGCAGCTGTCTGAGGAGGAGAAG
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ACCAGCCGCAGGTGTCCGATGAGGAGAAAATGCAGAACTCAGACGATGAAAGGCCACAAGTCTCAGATGA
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GAAGAGCCCATACCTGAGACCAGAATAGAAGTGGAGATCCCCAAAGTAAACACGGAAGTGGGCAATGACT
TATATTTTGTAAACTGCCCACTTCTCAGTGTAGAGCCAGGCCTTTTGATCCTCAGTATTATGAAGA
TGAATTTGAAGATGAGGAGATGCTGGATGAAGAGGGGAGAACCAGGTTAAAATTGAAGGTAGAAAACACT
ATAAGATGGAGGATACGCAGAGATGAAGAAGGAAATGAAATTAAGAAAGCAATGCGCGGATCGTCAAGT
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CGACCACAACCATCTTTTCATAAGACAAGTACTGGGCTGCAGGGGCAGGCCGTCTTTAAACGAAGCTC
ACCTTCAGGCCTCACTCTACAGACAGTGACACACAGGAAGATGACCCTGTCACTTGACAGATAGATGCT
CAAAGACACAGAAGATTCGAATCTTACCAATGGCTGGCCGTGACCCTGAGTGCCAGCGCACAGAGATGAT
TAAGAAAGAAGAAGAACGCTGAGGGCCTCCATCAGGAGGGAGTCTCAGCAGCGCCGGATGCGAGAGAAA
CAGCACCAGCGGGGGCTGAGCGCCAGCTACCTGGAGCCTGATCGCTACGACGAGGAGGAGGAAGCGGAGG
AGTCCGTGAGCCTGGCTGCCATTAACAAACCGCTACAAAGGGGGCATCCGCGAGGAACGAGCCAGAATCTA
CTCCTCGGACAGTGATGAGGGTCCGAAGAAGCAAAAGCTCAAAGGTTACTCAAAGCAAAAGAGTCAAC
AGTGATGAGGAAGGTGAATCTTCTGAAAGAGGAAAGCGGAAGACGATGACAAAGCGAATAAAAAGCATA
AGAAGTATGTGATCAGTGATGAAGAAGAAGAAGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209896 protein sequence Red=Cloning site Green=Tags(s) MADMEDLFGSEAESEAEKRDSESESDSDSDQDNGASGSNASGSESDQDDRGDSGQPSNKELFGDDSEEEG ASHHSGSDNHSESDNRSEASERSDHEDNEPSDEDQHSGSEAHNDDDEGHRSDGSRHSEAGSEKAQS DDEKWDGEDKSDQSDDEKLQNSDDEDREQGSDEDKLQNSDDDEEKMQNTDDEDRAQISDDDRQQLSEEEK GNSDDEHPVASDNDEEKQNSDDEDQPVSDDEEKMQNSDDDERPQVSDGRRSDGEEEQDQKSESARGSDS EDEVLRLKRKNAIPDSEADSDTEVPKDNNGTMDLFGGADDISSGSDGEDKPPTPGQPVDEGLPQDQQE EPIPETRIEVEIPKVNTDLGNDLYFVKLPNFLSVEPRPFDPPYYEDEFEEDEMLDEEGRTLKLKVENT IRWRIRRDEEGNEIKESNARIVKWDGSMHLGNEVFDVYKAPLQGDHNLFIHQGTGLQGQAVFKTKL TFRPHSTDSDTHRKMTLSLADRCSTQKIRILPMAGRDPECQRTEMIKKEEERLRASIRRESQQRMRREK QHQRGLSASYLEPDRYDEEEEGEESVSLAAIKNRYKGGIREERARIYSSDSDEGSEEDKAQRLLKAKKLN SDEEGESSGKRKAEDDDKANKKHKKYVISDEEEEDD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001039522
ORF Size:	2001 bp
Buffer:	PBS with 0.001% Pluronic F996
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_001039522.1, NP_001034611.1</u>
RefSeq Size:	2192 bp
RefSeq ORF:	2004 bp
Locus ID:	235497
UniProt ID:	<u>Q5XIE5</u>
Cytogenetics:	9 D
MW:	75.6 kDa