

Product datasheet for **MR210175A1V**

Mouse Appl1 (NM_145221) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Appl1 (NM_145221) AAV Particle
Tag:	Myc-DDK
Symbol:	Appl1
Synonyms:	2900057D21Rik; 7330406P05Rik; AI585782; AW209077; BB022931; C88264; DIP13
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210175 representing NM_145221
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGGGGATCGACAAGCTGCCATTGAAGAGACCCTGGAGGACAGTCCGCAGACAAGGCTTTACTTG
 GTGTATTTGAAGAAGATGCTACTGCTATTTCAAATTATATGAACCAATTGTATCAAGCTATGCATCGGAT
 TTATGATGCACAGAATGAATTGAGTGCAGCAACACACCTGACTTCGAACTTTTGAAAGAATATGAAAA
 CAGCGTTTTCTTTGGGGGTGATGATGAAGTTATGAGCTCTACTTTGCAGCAGTTTTCAAGGTCATAG
 ATGAGCTTAGTTCTTGTGCATGCAGTACTTTCAACTCAACTTGCTGATGCCATGATGTTCCCCATTTCCCA
 GTTTAAAGAAAGAGATCTGAAAGAAATATTGACACTAAAGGAGGTATTTCAAATTGCTAGTAATGATCAT
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 TTTAAGATGGGTTCTGAAAATCTCAATGGACAACCTGGAAGAATCTTAGCTAACATTGGAACAAGTGATAC
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 AAATCTTCAATATTGCAAGCAGAGAGTAAAAAGACCATGAAGAGTGGATCTGTACAATAACAACATAT
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 ATGACCATCCAGATGTTGTCTATGAAACAATGCGCCAGATCTTAGCTGCTCGGGCCATCCACAACATCTT
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 GATTTGTTCTCCGGACATCAGGCGGAAGAAGTGAGAGTAATTTGTCATCAGTCTGCTATATTTGAATC
 AAACAATGAGGGAGAAAAGATTTGTGATTCTGTTGGACTGGCAAAACAGATAGCTTTGCATGCTGAAGT
 GATCGTAGGGCATCAGAAAAACAAAAGAAATAGAGAGAGTAAAAGAGAAACAGCAGAAAAGAGCTCAGCA
 AACAGAAACAGATTGAGAAGGACTTGAAGAACAGAGTCGGTTGATAGCTGCCTCCAGTAGACCAACCA
 GGCTGGTAGTGAGGGCCAGCTTGTCTTAGCAGTAGCCAATCAGAGGAGAGTGATTTGGGAGAAGAAGGG
 AAAAAAGAGAGTCGGAAGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210175 representing NM_145221 Red=Cloning site Green=Tags(s) MPGIDKLPHEETLEDSPQTRSLLGVFEEATAISNYMQLYQAMHRIYDAQNELSAATHLTSKLLKEYEK QRFP LGGDDEVMSSTLQQFSKVIDELSSCHAVLSTQLADAMFPISQFKERDLKEILTLKEVFQIASNDH DAAINRYSRLSKKRENDKVKEYETEDVYTSRKKQHQTMMHYFCALNTLQYKKKIALLEPLLGYMQAQISF FKMGSENNGQLEEF LANIGTSVQNVRRMDGDVETMQQTIEDLEVASDPLYLPDPDPKFPINRNLTRK AGYLNARNKTGLVSSSTWDRQFYFTQGGNLSQARGDVAGGLAMDIDNCSVMAVDCEDRRYCFQITSFDGK KSSILQAESKKDHEEWICTINNISKQIYLSNPETAAARVNQSALEAVTPSPSPFQQRHESLRPGGQSRPP TARTSSSGSLGSESTNLAALSLDSL VAPDTPIQFDIISPVCEDQPGQAKAFGQGGRRTNPFGESGGSTKS ETEDSILHQLFIVRFLGSMVKSDHDPVYETMRQILAARAIHNI FRMTESHL LVTCDCLKLIDPQTQV TRLTFPLPCVVL YATHQENKRLFGFVLR TSGGRSESNLSSVCYIFESNNEGEKICDSVGLAKQIALHAEL DRRASEKQKEIERVKEKQKELSKQKQIEKDLEEQSR LIAASSRPNQAGSEQLVLSSSQSEESDLGEEG KKRESEA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_145221
ORF Size:	2121 bp
Buffer:	PBS with 0.001% Pluronic F1272
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_145221.2, NP_660256.1</u>
RefSeq Size:	6961 bp
RefSeq ORF:	2124 bp
Locus ID:	72993
UniProt ID:	<u>Q8K3H0</u>
Cytogenetics:	14 A3
MW:	79.8 kDa