

Product datasheet for **MR208392A1V**

Mouse Alpl (NM_007431) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Alpl
Synonyms:	Ak; Akp; Akp-2; Akp2; ALP; APTNAP; T; TNAP; TNSALP
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR208392 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATCTCACCATTTTTAGTACTGGCCATCGGCACCTGCCTTACCAACTCTTTGTGCCAGAGAAAGAGA
 GAGACCCAGTTACTGGCGACAGCAAGCCCAAGAGACCTTGAAAAATGCCCTGAAACTCCAAAAGCTCAA
 CACCAATGTAGCCAAGAATGTCATCATGTTCTCTGGGAGATGGTATGGGCGTCTCCACAGTAACCGTGCC
 CGAATCCTTAAGGGCCAGCTACACCACAACACGGGCGAGGAGACCCGGCTGGAGATGGACAAATCCCCCT
 TTGTGGCCCTCTCCAAGACATATAACACCAACGCTCAGGTCCCTGACAGCGCGGCACTGCCACTGCCTA
 CTTGTGTGGCGTGAAGGCCAAGGAGGACAGTGGGAGTGAGCGCAGCCACAGAGCGCACGCGATGCAAC
 ACCACTCAGGGCAATGAGGTACATCCATCCTGCGCTGGGCAAGGATGCTGGGAAGTCCGTGGGCATTG
 TGACTACCACTCGGGTGAACACGCCACCCAGTGCAGCCTACGCACACTCGGCCGATCGGGACTGGTA
 CTCGGATAACGAGATGCCACCAGAGGCTCTGAGCCAGGGCTGCAAGGACATCGCATATCAGCTAATGCAC
 AATATCAAGGATATCGACGTGATCATGGGTGGCGGCCGGAATACATGTACCCGAAGAACAGAACTGATG
 TGGAATACGAACTGGATGAGAAGGCCAGGGGTACAAGGCTAGATGGCCTGGATCTCATCAGTATTTGGAA
 GAGCTTTAAACCCAGACACAAGCATTCCTCACTATGTCTGGAACCGCACTGAAGTGTGGCCCTTGACCCC
 TCCAGGGTGGACTACCTCTTAGGTCTCTTTGAGCCCGGGACATGCAGTATGAATTGAATCGGAACAACC
 TGACTGACCTTCGCTCTCCGAGATGGTGGAGGTGGCCCTCCGGATCCTGACCAAAAACCTCAAAGGCTT
 CTTCTTGCTGGTGAAGGAGGAGGATTGACCACGGACATCATGAGGTAAGGCCAAGCAGGCTCTGCAT
 GAAGCAGTGGAGATGGACCAGGCCATTGGCAAGCAGGCGCCATGACATCCAGAAAGACACCTTGACTG
 TGGTTACTGCTGATCATTCCACGTTTTACATTTCGGTGGATACACCCCGGGCACTCCATCTTTGG
 TCTGGCTCCCATGGTGAGCGACACGACAAGAAGCCCTTACGGCCATCCTATATGGTAACGGGCTTGGC
 TACAAGGTGGTGGACGGTGAACGGGAAAATGTCTCCATGGTAGATTACGCTCACAACAACCTACCAGGCC
 AGTCCGCTGTTCCCTGCGCCATGAGACCCAGGTGGAGAAGCAGTGGCGGTCTTTGCCAAGGGCCCGAT
 GGCACACCTGCTTACGGCGTCCATGAGCAGAATACTATCCCCATGTGATGGCGTATGCCTCCTGCATT
 GGGGCCAACCTTGACCACTGTGCCTGGGCCGGCTCTGGGAGCGCACCTCCCCAGGGCCCTGCTGCTTC
 CACTGGCTGTGCTCTCCCTACGCACCTGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR208392 protein sequence
 Red=Cloning site Green=Tags(s)

MISPFVLVAIGTCLTNSFVPEKERDPSYWRQQAQETLKNALKLQKLNTNVAKNVIMFLGDGMGVSTVTAA
 RILKGLHHTTGEETRLMDKFPFVALSKTYNTNAQVPDSAGTATAYLCGVKANEGTVGVSAATERTRCN
 TTQNEVTSILRWAKDAGKSVGIVTTTRVNHATPSAAYAHSAADRWYSDNEMPPEALSQGCKDIAYQLMH
 NIKDIDVIMGGGRKYMYPKNRTDVEYELDEKARGTRLDGLDLISIWKSFKPRHKHSHYVWNRTELLALDP
 SRVDYLLGLFEPGDMQYELNRRNLTDPSLSEMVEVALRILTKNLKGFLLVEGGRIDHGHHEGKAKQALH
 EAVEMDQAIGKAGAMTSQKDTLTVVTADHSHVFTFGGYTPRGNSIFGLAPMVSDDTKKPFTAILYNGPG
 YKVVDGERENVSMVDYAHNNYQAQSAVPLRHETHGGEDVAVFAKGPMALLHGVHEQNYIPHVMAYASCI
 GANLDHCAWAGSGSAPSPGALLLPLAVLSLRTLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_007431
ORF Size: 1572 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:	NM_007431.1
RefSeq Size:	2524 bp
RefSeq ORF:	1575 bp
Locus ID:	11647
UniProt ID:	P09242
Cytogenetics:	4 70.02 cM
MW:	57.5 kDa