

Product datasheet for **RC205692A1V**

Human Alkaline Phosphatase (ALPL) (NM_000478) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Alkaline Phosphatase (ALPL) (NM_000478) AAV Particle
Tag:	Myc-DDK
Symbol:	Alkaline Phosphatase
Synonyms:	AP-TNAP; APTNAP; HOPS; HPPA; HPPC; HPPI; HPPO; TNALP; TNAP; TNSALP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205692 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATTTACCATTCTTAGTACTGGCCATTGGCACCTGCCTTACTAACTCCTTAGTGCCAGAGAAAGAGA
 AAGACCCCAAGTACTGGCGAGACCAAGCGCAAGAGACTGAAATATGCCCTGGAGCTTCAAGAAGCTCAA
 CACCAACGTGGCTAAGAATGTCATCATGTTCTCTGGGAGATGGGATGGGTGTCTCCACAGTGACGGCTGCC
 CGCATCCTCAAGGGTCAGCTCCACCACAACCTGGGGAGGAGACCAGGCTGGAGATGGACAAGTTCCCTT
 TCGTGGCCCTCTCAAGACGTACAACACCAATGCCAGGTCCTGACAGCGCCGGCACCGCCACCGCCTA
 CCTGTGTGGGTGAAGGCCAATGAGGGCACCTGGGGTAAGCGCAGCCACTGAGCGTCCCGGTGCAAC
 ACCACCCAGGGGAACGAGGTACCTCCATCCTGCGCTGGGCCAAGGACGCTGGGAAATCTGTGGCATTG
 TGACCACCACGAGAGTGAACCATGCCACCCACGCGCCCTACGCCACTCGGCTGACCGGGACTGGTA
 CTCAGACAACGAGATGCCCTTGAAGGCTTGAAGGACATCGCCTACCAGCTCATGCAT
 AACATCAGGGACATTGACGTGATCATGGGGGTGGCCGGAAATACATGTACCCCAAGAATAAACTGATG
 TGGAGTATGAGAGTGACGAGAAAGCCAGGGGCACGAGGCTGGACGGCCTGGACCTCGTTGACACCTGGAA
 GAGCTTCAAACCGAGATACAAGCACTCCCACTTCTGGAACCGCACGGAACCTCTGACCTTGACCCC
 CACAATGTGGACTACCTATTGGGTCTCTTCGAGCCAGGGGACATGCAGTACGAGCTGAACAGGAACAACG
 TGACGGACCCGTCACCTCCGAGATGGTGGTGGTGGCCATCCAGATCCTGCGGAAGAACCCCAAAGGCTT
 CTTCTTGTGGTGAAGGAGGCAGAATTGACCAGGGCACCATGAAGGAAAAGCCAAGCAGGCCCTGCAT
 GAGCGGTGGAGATGGACCGGCCATCGGGCAGGCAGGACGCTGACCTCCTCGGAAGACACTCTGACCG
 TGGTCACTCGGACCATTCCCAGTCTTACATTTGGTGGATACACCCCGTGGCAACTCTATCTTTGG
 TCTGGCCCCATGCTGAGTGACACAGACAAGAAGCCCTTCACTGCCATCCTGTATGGCAATGGCCCTGGC
 TACAAGGTGGTGGCGGTGAACGAGAGAATGTCTCCATGGTGGACTATGCTCACAACAATAACAGGCGC
 AGTCTGCTGTGCCCTGCGCCACGAGACCCACGGCGGGGAGGACGTGGCCGTTCTCTCAAGGGCCCAT
 GGCGCACCTGCTGCACGGCTCCACGAGCAGAATACTGCCACCGTATGGCGTATGCAGCCTGCATC
 GGGGCCAACCTCGGCCACTGTGCTCCTGCCAGCTCGGCAGGCAGCCTTGTGCAGGCCCTGCTGCTCG
 CGCTGGCCCTTACCCCTGAGCGTCTGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205692 protein sequence
 Red=Cloning site Green=Tags(s)

MISPFVLVAIGTCLTNSLVPEKEKDPKYWRDQAQETLKYALELQKLNTNVAKNVIMFLGDGMGVSTVTAA
 RILKQQLHHNPGEETREMDKFPFVALSKTYNTNAQVPDSAGTATAYLCGVKANEGTVGSAATERSRCN
 TTQGNVTSILRWAKDAGKSVGIVTTTRVNHATPSAAYAHSDRDWYSDNEMPPEALSQGCKDIAYQLMH
 NIRDIDVIMGGGRKMYPKNKTDVEYESEDEKARTRLDGLDLVDTWKSFKPRYKHSFIWNRELLTLDP
 HNVYLLGLFEPGDMQYELNRNNVDPSSLSEMVVVAIQILRNPKGFFLLVEGGRIDHGHHEGKAKQALH
 EAVEMDRAIGQAGSLTSSEDTLVVTADHSHVFTFGGYTPRGNSIFGLAPMLSDTKKPFTAILYNGNGP
 YKVVGGGERENVMVDYAHNNYQAQSAVPLRHETHGGEDVAVFSKGPMAHLLHGVHEQNYVPHVMAYAACI
 GANLGHCAPASSAGSLAAGPLLLALALYPLSVLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000478

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:	<u>NM_000478.3</u>
RefSeq Size:	2606 bp
RefSeq ORF:	1575 bp
Locus ID:	249
UniProt ID:	<u>P05186</u>
Cytogenetics:	1p36.12
MW:	57.3 kDa