

Product datasheet for **RC210504A1V**

Human Alkaline Phosphatase (ALPP) (NM_001632) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Alkaline Phosphatase (ALPP) (NM_001632) AAV Particle
Tag:	Myc-DDK
Symbol:	Alkaline Phosphatase
Synonyms:	ALP; ALPI; IAP; PALP; PLAP; PLAP-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210504 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGGGGCCCTGCATGCTGCTGCTGCTGCTGCTGCTGGGCCTGAGGCTACAGCTCTCCCTGGGCATCA
TCCCAGTTGAGGAGGAGAACCCAGACTTCTGGAACCGCAGGACGCCGAGGCCCTGGTGCCGCCAAGAA
GCTGCAGCCTGCACAGACAGCCGCCAAGAACCTCATCATCTTCTGGGCGATGGGATGGGGGTGTCTACG
GTGACAGCTGCCAGGATCCTAAAAGGCGAGAAGAAGGACAACTGGGGCCTGAGATACCCCTGGCCATGG
ACCGCTTCCCATATGTGCTCTGTCCAAGACATACAATGTAGACAAACATGTGCCAGACAGTGGAGCCAC
AGCCACGGCCTACCTGTGCGGGGTCAAGGGCAACTTCCAGACCATTGGCTTGAGTGCAGCCGCCCGCTTT
AACCAGTGCAACACGACACGCGGCAACGAGGTATCTCCGTGATGAATCGGGCCAAGAAAGCAGGGAAGT
CAGTGGGAGTGGTAACCACCACACGAGTGCAGCACGCCTCGCCAGCCGGCACCTACGCCACACCGTGAA
CCGCAACTGGTACTCGGACGCCGACGTGCCTGCCCTCGCCCCCGAGGAGGGGTCCGAGGACATCGCTACG
CAGCTCATCTCAACATGGACATTGACGTGATCCTAGGTGGAGGCCGAAATGATGTTTCGATGGGAA
CCCCAGACCTTGAGTACCCAGATTGACTACAGCCAAGGTGGGACCGAGCTGGACGGGAAGAATCTGTTGCA
GGAATGGCTGGCGAAGCGCCAGGGTGCCCGGTATGTGTGGAACCGCACTGAGCTCATGCAGGCTTCCCTG
GACCCGTCTGTGACCCATCTCATGGGTCTCTTTGAGCCTGGAGACATGAAATACGAGATCCACCGAGACT
CCACTGGAACCCCTCCCTGATGGAGATGACAGAGGCTGCCCTGCGCTGCTGAGCAGGAACCCCCGCG
CTTCTTCTCTTCGTGGAGGGTGGTGCATGCACATGGTCATCATGAAAGCAGGGCTTACCGGGCACTG
ACTGAGACGATCATGTTGACGACGCCATTGAGAGGGCGGGCCAGCTACCAGCGAGGAGGACACGCTGA
GCCTCGTCACTGCCGACCACTCCACGCTTCTCCTTCGGAGGCTACCCCTGCGAGGGAGCTCCATCTT
CGGGCTGGCCCCCTGGCAAGGCCCGGGACAGGAAGGCCTACACGGTCTCTCTATACGGAAACGGTCCAGGC
TATGTGCTCAAGGACGGCGCCCGCGGATGTTACCGAGAGCGAGAGCGGGAGCCCCGAGTATCGGCAGC
AGTCAGCAGTGCCCTGGACGAAGAGACCCACGAGGCGAGGACGTGGCGGTGTTGCGCGCGGCCCGCA
GGCGACCTGTTTCAGGCGTGCAGGAGCAGACCTTCATAGCGACGTCATGGCCTTCGCCGCTCGCTG
GAGCCCTACACGCCTGCGACCTGGCGCCCCCGGCACCAACCGACGCGGCCACCTGGGGCGGTCCG
TGGTCCCCGCGTTGCTTCTCTGCTGGCCGGGACCTGCTGCTGCTGGAGACGGCCACTGCTCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210504 protein sequence

Red=Cloning site Green=Tags(s)

MLGPCMLLLLLLLGLRLQLSLGIIPVEEENPDFWNRAEALGAACKLQPAQTAANKLIIFLGDGMGVST
VTAARILKGQKDKLGP EIP LAMDRFPYVALSKTYNVDKHVPD SGATATAYLCGVKGNFQTIGLSAAARF
NQCNTTRGNEVISVMNRACKAGKSGVGVTTTRVQHASPAGTYAHTVNRNWYSADVPASARQEGCQDIAT
QLISNMDIDVILGGGRKYMFRMGTPDPEYPDDYSQGGTRL DGNL VQEWLAKRQGARYVWNRTELMQASL
DPSVTHLMGLFEPGDMKYEIHRDSTLDPSL MEMTEAALRLLSRNPRGFFLFVEGGRIDGHGHESRAYRAL
TETIMFDDAIERAGQLTSEEDTSLV TADHSHVFSFGGYPLRGSSIFGLAPGKARDRKAYTVLLYGNPGP
YVLKDGARPDVTESESGSPYRQQSAVPLDEETHAGEDVAVFARGPQ AHLVHG VQEQT FIAHVMAFAACL
EPTYACDLAPPAGTTDAHPGRSVVPALLPLLAGTLLLLLETATAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM 001632

ORF Size:

1605 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_001632.3</u>
RefSeq Size:	2883 bp
RefSeq ORF:	1608 bp
Locus ID:	250
UniProt ID:	<u>P05187</u>
Cytogenetics:	2q37.1
MW:	58 kDa