

Product datasheet for **RC203704A1V**

Human NPEPL1 (NM_024663) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NPEPL1 (NM_024663) AAV Particle
Tag:	Myc-DDK
Symbol:	NPEPL1
Synonyms:	bA261P9.2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203704 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGAACGTGGGGCTGCAGTTCAGGCGAGCGGGGACTCGGACCCACAGACCGGCCCTGCTGC
 TGCTCGGGCAGCTGCACCACCTGCACCCGCTGCCCTGGAGCCAGTCCGCGGGAAGCTGCAGCCCGGGT
 CACCGAGGAGCTCTGGCAGGCTGCCCTGAGCACGCTCAACCCCAACCCACGGACAGCTGTCCCCTCTAC
 CTGAACTACGCCACCGTGGTGCCTGCCCTGCAGGGTGAAGCCGACAAACAGCCCTCGGCCGCCACT
 TCATCACGCGGCTGGTGCAGCTGCCTGCCGCCGGAGCGCATCGCTGCATTGTGATGGTCTGCGAGCA
 GCCGGAGGTCTTTGCTTCGCTGTGCCCTGGCCCGGGCTTCCCGCTGTTACCACCCGCTCAGGTGCC
 TCTCGGCGCTTGAGAAGAAGACGGTACCCTGGAGTTTCTGGTGGGACAAGACAACGGGCCGGTGG
 AGGTGTCCACATTGCAGTGCTTAGCGAATGCCACAGACGGCGTGGGCTAGCAGCCCGCATCGTGGACAC
 ACCCTGCAATGAGATGAACACCGACACCTTCTCGAGGAGATTAAACAAGTTGAAAGGAGCTGGGGATC
 ATCCCAACCATCATCCGGGATGAGGAAGTGAAGACGAGAGGATTTGGAGGAATCTATGGGGTTGGCAAAG
 CCGCCCTGCATCCCCAGCCCTGGCCGTCTCAGCCACACCCAGATGGAGCCACGCAGACCATCGCCTG
 GGTGGGCAAAGGCATCGTCTATGACACTGGAGGCTCAGCATCAAAGGGAAGACTACCATGCCGGGGATG
 AAGCGAGACTGCGGGGGTGTGCGGCCGTCTGGGGCCCTCAGAGCCGCAATCAAGCAGGGTTTCAAAG
 ACAACCTCCACGCTGTGTTCTGCTTGGCTGAGAAGTGGTGGGGCCCAATGCGACAAGGCCAGATGACAT
 CCACCTGCTGTACTCAGGAAGACGGTGGAAATCAACAACACGGATGCCGAGGGCAGGCTGGTGTGGCA
 GATGGCGTGTCTATGCTTGAAGACCTGGGGCCGACATCATCTGGACATGGCCACCCTGACCGGGG
 CTCAGGGCATTGCCACAGGAAGTACCACGCGCGGTGCTACCAACAGCGCTGAGTGGGAGCCCGCTG
 TGTGAAGCGGGCAGGAAGTGTGGGACCTGGTGCACCCGCTGGTCTACTGCCCGAGCTGCACTTCAGC
 GAGTTCACCTCAGCTGTGGCGGACATGAAGAACTCAGTGGCGGACCGAGACAACAGCCCGAGCTCCTGTG
 CTGGCCTCTTCATCGCCTCACACATCGGCTTCGACTGGCCCGAGTCTGGGTCCACCTGGACATTGCTGC
 ACCGGTGCATGCTGGTGAAGCAGCCACAGGCTTCGGTGTGGCCCTCCTGCTGGCGCTCTTCGGCCGTGCC
 TCTGAGGACCCTCTGCTGAACCTGGTGTCCCACTGGGCTGTGAGGTGGATGTCGAGGAGGGGGACCTGG
 GGAGGGACTCCAAGAGACGCAGGCTTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203704 protein sequence
 Red=Cloning site Green=Tags(s)

MANVGLQFQASAGSDPQSRPLLLLQGLHHLHRVPWVSHVRGKLQPRVTEELWQAALSTLNPNTDSCPLY
 LNYATVAALPCRVSRRHNSPSAAHFITRLVVRTCLPPGAHRCIVMCEQPEVFASACALARAFPLFTHRSGA
 SRRLEKKTVTVEFFLVGQDNGPVEVSTLQCLANATDGVRLAARIVDTPCNEMNTDTFLEEINKVGKELGI
 IPTIIRDEELKTRFGGIYGVGKAALHPPALAVLSHTPDGATQTIAWVGKIVYDTGGLSIKGTMPGM
 KRDCGGAAAVLGAFAAIKQGFKNLHAVFCLAENSVGNATRPDDIHLLYSGKTVEINNTDAEGRVLVA
 DGVSYACKDLGADIILDMATLTGAQGIATGKYHAAVLTNSAEWEAACVKAGRKCGDLVHPLVYCPHELHFS
 EFTSAVADMKNVADRDNSPSSCAGLFIASHIGFDWPGVWVHLDIAAPVHAGERATGFGVALLLALFGRA
 SEDPLLNLVSPLGCEVDVEEDLGRDSKRRRLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024663

ORF Size:

1569 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_024663.3</u>
RefSeq Size:	2217 bp
RefSeq ORF:	1572 bp
Locus ID:	79716
UniProt ID:	<u>Q8NDH3</u>
Cytogenetics:	20q13.32
MW:	55.9 kDa