

Product datasheet for **RC206622A1V**

Human alpha 1 Fetoprotein (AFP) (NM_001134) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human alpha 1 Fetoprotein (AFP) (NM_001134) AAV Particle
Tag:	Myc-DDK
Symbol:	AFP
Synonyms:	AFPD; FETA; HPAFP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206622 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGTGGGTGGAATCAATTTTTTTAATTTCTACTAAATTTTACTGAATCCAGAACACTGCATAGAA
 ATGAATATGGAATAGCTTCCATATTGGATTCTTACCAATGTACTGCAGAGATAAGTTTAGCTGACCTGGC
 TACCATATTTTTTGGCCAGTTTGTTCAGGAAGCCACTTACAAGGAAGTAAAGCAAAATGGTGAAAGATGCA
 TTGACTGCAATTGAGAAACCCACTGGAGATGAACAGTCTTCAGGGTGTGTAGAAAACAGCTACCTGCCT
 TTCTGGAAGAAGCTTGGCATGAGAAAGAAATTTGGAGAAGTACGGACATTAGACTGCTGCAGCCAAAG
 TGAAGAGGGAAGACATAACTGTTTTCTGCACACAAAAGCCCACTCCAGCATCGATCCCACTTTTCCAA
 GTTCCAGAACCTGTCACAAGCTGTGAAGCATATGAAGAAGACAGGGAGACATTATGAACAAATTCATTT
 ATGAGATAGCAAGAAGGCATCCCTTCTGTATGCACCTACAATTTCTTTGGGCTGCTCGCTATGACAA
 AATAATCCATCTTGCTCAAAGCTGAAATGCAGTTGAATGCTTCCAAACAAAGGCAGCAACAGTTTACA
 AAAGAATTAAAGAGAAAGCAGCTTGTTAAATCAACATGCATGTGCAGTAATGAAAAATTTGGGACCCGAA
 CTTTCCAGCCATAACTGTTACTAACTGAGTCAGAAGTTTACCAAAGTTAATTTTACTGAAATCCAGAA
 ACTAGTCTGGATGTGGCCATGTACATGAGCACTGTTGCAGAGGAGATGTGCTGGATTGTCTGCAGGAT
 GGGGAAAAATCATGTCTACATATGTTCTCAACAAGACACTCTGTCAAACAAAATAACAGAATGCTGCA
 AACTGACCACGCTGGAACGTGGTCAATGTATAATTATGCAGAAAATGATGAAAAACCTGAAGGTCTATC
 TCCAAATCTAACAGGTTTTTAGGAGATAGAGATTTTAACTAATTTCTTCAGGGGAAAAAATATCTTC
 TTGGCAAGTTTTGTTTCAATATTCAAGAAGACATCCTCAGCTTGCTGTCTCAGTAATTTCTAAGAGTTG
 CTAAGGATACAGGAGTTATTGGAGAAGTGTTCAGACTGAAAACCTCTTGAATGCCAAGATAAAGG
 AGAAGAAGAATTACAGAAATACATCCAGGAGAGCCAAGCATTGGCAAAGCGAAGCTGCGGCCTCTTCCAG
 AAAGTAGGAGAATATTACTTACAAAATGCGTTTCTCGTTGCTTACACAAAGAAAGCCCCCAGCTGACCT
 CGTCGGAGCTGATGGCCATCACCAGAAAAATGGCAGCCACAGCAGCCACTTGTGCCAACTCAGTGAGGA
 CAAACTATTGGCCTGTGGCGAGGGAGCGGCTGACATTATTATCGGACACTTATGTATCAGACATGAAATG
 ACTCCAGTAAACCCTGGTGTGGCCAGTGTGCACTTCTCATATGCCAACAGGAGGCCATGCTTCAGCA
 GCTTGGTGGTGGATGAAACATATGTCCCTCTGCATTCTCTGATGACAAGTTCATTTCCATAAGGATCT
 GTGCCAAGCTCAGGGTAGCGCTGAAACGATGAAGCAAGAGTTTCTCATTAACTTGTGAAGCAAAAG
 CCACAAATAACAGAGGAACAACCTGAGGCTGTGATTGCAGATTTCTCAGGCCTGTGGAGAAATGCTGCC
 AAGGCCAGGAACAGGAAGTCTGCTTTGCTGAAGAGGGACAAAACCTGATTCAAAAACCTGCTGCTTT
 GGGAGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206622 protein sequence
 Red=Cloning site Green=Tags(s)

MKWVESIFLIFLLNFTESTRTHRNEYGIASILDSYQCTAEISLADLATIFFAQFVQEATYKEVSKMVKDA
 LTAIEKPTGDEQSSGLENQLPAFLEELCHEKEILEKYGHSDCCSQSEEGRHNCFLAHKKPTPASIFLFQ
 VPEPVTSCAEYEDRETFMKNFIYEIARRHPFLYAPTILLWAARYDKIIPSCCKAENAVECFQTKAATVT
 KELRESSLLNQHACAVMKNFGTRTFQAITVTKLSQKFTKVNFTETIQLVLDVAHVHEHCCRGDVLDCQD
 GEKIMSYICSQQDTLSNKITECKLTTLERGQCIIHAENDEKPEGLSPNLNRFGLDRDFNQFSSGEKNIF
 LASFVHEYSRRHPQLAVSVILRVAKGYQELLEKCFQTENPLECQDKGEEELQKYIQESQALAKRSCGLFQ
 KLGEYLLQNAFLVAYTKKAPQLTSELMAITRKMAATAATCCQLSEDKLLACGEGAADIIIGHLCIRHEM
 TPVNPVGQCCTSSYANRRPCFSSLVDETYVPPAFSDDKFIHFKDLCAQGVVALQTMKQEFLLINLVKQK
 PQITEEQLEAVIADFSGLLEKCCQGEQEVCFAEEGQKLISKTRAALGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001134
ORF Size:	1827 bp
Buffer:	PBS with 0.001% Pluronic F5915
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_001134.1</u>
RefSeq Size:	2057 bp
RefSeq ORF:	1830 bp
Locus ID:	174
UniProt ID:	<u>P02771</u>
Cytogenetics:	4q13.3
MW:	68.7 kDa