

Product datasheet for **RC226691A1V**

Human NCOA4 (NM_001145262) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NCOA4 (NM_001145262) AAV Particle
Tag:	Myc-DDK
Symbol:	NCOA4
Synonyms:	ARA70; ELE1; PTC3; RFG
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC226691 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATACCTTCCAAGACCAGAGTGGCAGCTCCAGTAATAGAGAACCCTTTTGAGGTGTAGTGATGCAC
 GGAGGGACTTGGAGCTTGCTATTGGTGGAGTTCTCCGGCTGAACAGCAAATTAAGATAACTTGCGAGA
 GGTCAAAGCTCAGATTACAGTTGCATAAGCCGTACCTGGAATGTCTTAGAAGCCGTGAGGTATGGCTG
 TATGAACAGGTGGACCTATTTATCAGCTTAAAGAGGAGACACTTCAACAGCAGGCTCAGCAGCTCTACT
 CGTTATTGGGCCAGTTCAATTGTCTTACTCATCACTGGAGTGTACCCAAACAAAGATCTAGCCAATCA
 AGTCTCTGTGTGCCTGGAGAGACTGGCAGTTTGACCCTTAAGCCTGAAGATTCAACTGTCCTGCTCTTT
 GAAGCTGACACAATTACTCTGCCCAGACCATCACCACATTTGGGTCTCTCAAACCATTCAAATTCCTG
 AGCACTTGATGGCTCATGCTAGTTACAGCAATATTGGGCCCTTCTGGAGAAGAGAGGCTGTATCTCCAT
 GCCAGAGCAGAAGTCAGCATCCGGTATTGTAGCTGTCCCTTTCAGCGAATGGCTCCTTGAAGCAAACCT
 GCCAGTGGTTATCAAGCTCCTTACATACCCAGCACCGACCCCAAGGACTGGCTTACCCAAAGCAGACCT
 TGGAGAACAGTCAGACTTCTTCCAGAGCCTGCAATTTCTTCAATAATGTCGGGGGAAACCTAAAGGGCTT
 AGAAAACCTGGCTCCTCAAGAGTGAAAAATCAAGTTATCAAAAGTGAACAGCCATTCCACTACTAGTTCT
 TTCTCCATTGAAATGGAAGGTTGGAGATCAAGAGCTTCTGATCAAGATGAGATGGACCTATCAGATT
 GGCTAGTGACTCCCCAGGAATCCCATAGCTGCGGAAGCCTGAGAATGGCAGTCGTGAAACAGTGAGAA
 GTTAAAGCTCTTATCCAGTCTATAATGTGAATGATTGGCTTGCAAGACTGACTCCTGTACCAACTGT
 CAGGGAACAGCCCAAAGGTGTGGAGATTGAAACCTGGCAATCTGAAGTGCCTGAATGACCACTTGG
 AGGCCAAGAAACCATTTGCCACCCAGCATGGTTACAGAGGATTGGCTTGTCCAGAACCATCAGGACCC
 ATGTAAGGTAGAGGAGGTGTGCAGAGCCAATGAGCCCTGCACAAGCTTTGCAGAGTGTGTGTGTGATGAG
 AATTGTGAGAAGGAGGCTCTGTATAAGTGGCTTCTGAAGAAAGAAGGAAGGATAAAATGGGATGCCTG
 TGAACCCAAACCTGAGCCTGAGAAGCATAAAGATTCCCTGAATATGTGGCTCTGTCTAGAAAAGAAGT
 AATAGAACAACTAAAGCACCAAGGCAATGACTCCTTCTAGAATTGCTGATTCTTCCAAGTCATAAG
 AACAGCCCTTGTGCGAGTGGCTTATCAGGCCCCCATACAAAGAAGGAAGTCCCAAGGAAGTGCCTGGTA
 CTGAAGACAGAGCTGGCAACAGAAGTTTAAAGCCCCATGAATACTTCTGGTGTCTTTAACACAGC
 TGAAGTGGTCTGCCAGGAAAGAAGATGGGCAACCTCAGCCAGTTATCTTCTGGAGAAGACAAGTGGCTG
 CTTGAAAGAAGGCCAGGAAGTATTACTTAATTCACCTCTACAGGAGGAACATAACTTCCCCCAGACC
 ATTATGGCCTCCCTGCAGTTTGTGATCTCTTGCCTGTATGCAGCTTAAAGTTGATAAGAGAAGTGGT
 ATATCGAACTCCTCTACAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC226691 protein sequence
 Red=Cloning site Green=Tags(s)

MNTFQDQSGSSSNREPLLRCSDARRDLELAIGGVLRAEQIKDNLREVKAQIHSCISRHLECLRSREVL
 YEQVDLIYQLKEETLQQQAQQLYSLLGQFNCLTHQLECTQNKDLANQVSVCLERLGLSLTKPEDSTVLLF
 EADTITLRQTITTFGSLKTIQIPEHLMAHASSANIGPFLEKRGCSMPEQKSASGIVAVPFSEWLLGSKP
 ASGYQAPYIPSTDQDWLTQKQTLNSQTSSRACNFFNNVGGNLKGLNWLKSEKSSYQKCNSTSTSS
 FSIEMEKVGDQELPDQEMDLSDWLVPQESHKLRKPENGSRSEKFKLLFQSYNVNDWLKTDSCNTC
 QGNQPKGVEIENLGNLKCLNDHLEAKKPLSTPSMVTEDWLQVNHQDPCKVEEVCRANEPCTSFACVCDE
 NCEKEALYKWLKKEGDKNGMPVEPKPEPEKHKDSLNMWLCPRKEVIEQTKAPKAMTPSRIADSFQVIK
 NSPLSEWLIIRPPYKEGSPKEVPGTEDRAGKQKFKSPMNTSWCSFNTADWVLPGKKMGNLSQLSSGEDKWL
 LRKKAQEVLNLSPLQEEHNFPDPHYGLPAVCDLFAQMQLKVDKEKWLVRTPLQM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001145262
ORF Size:	1842 bp
Buffer:	PBS with 0.001% Pluronic F9162
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_001145262.1, NP_001138734.1</u>
RefSeq Size:	3588 bp
RefSeq ORF:	1845 bp
Locus ID:	8031
UniProt ID:	<u>Q13772</u>
Cytogenetics:	10q11.22
MW:	69.7 kDa