

Product datasheet for **MR230402**

Ncoa4 (NM_001284319) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncoa4 (NM_001284319) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ncoa4
Synonyms:	ARA70; Rfg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR230402 representing NM_001284319
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCAATTCAATTGTCTTATTCATCAACTGGAGTATACTCAGAACAAGATCTTGCCAAATCAAGTCT
 CTGTGTGCTTGGAGAGACTGGGCAGTTTGGCCCTGAAGCCTGAAGATTCAACTGTCTACTCTTTGAAGC
 AGATACATCTGCTCTGCGCCAGACCATCACACATTTGGATCCCTTAAGACCATTCAAATCCCTGAGCAT
 CTGATGGCTCACGCGAGCTCCTCAAGTATTGGCCTTTCTAGAGAAAAGAGGCTATATCCAGGTGCCAG
 AGCAGAAGTCAGCATCCAGTGGCACAGCTGTATCTCTGAGTGAGTGGCTTCTTGAAGCAAACCTGCCAT
 TGGTCTTCAGGCTCCTTATGTACCCAGTACCAACCCACAGGACTGGCTTATCCAAAACAGACTTCAGAG
 AATAGTCAGACTTCTGCCAGAGCCTGCAGTTTCTTCAGCGATGCCTGGGCAATCTGAAGGGCTTAGAAA
 ATGGCTCCTTAACAGTCATCAACAAGAAATTGCTGGAAAACCAAGTTCCTCAAATGTAAACAGCCATTG
 TAGCACCAGTTCTTTCTCTCCTGAAGCTGAAAAGGCTGAAGATGTAGAGCTCCTTGATCAAGACGAGCTG
 GACCTGTCTGATTGGTTGGTGACTCCTCAGGAACCTGTGAGCTGGAGAAGCCTGTGGATGGCAGCTGGG
 AAACCAGCGAGAAGTTAAACTCTGTCCAGGTGTTAGAGAGCCCTACAATGTGAGTGATTGGCTTGT
 CAAGCCTGACTCCTGTACCAACTGTGAGGGCAACCAGCCTAGAGGTGTGGAGATTGAGAACCTGGGCAAT
 CTGAAATGCCTAAATGACCACCTGGAGGCCAAAAAATCAGTGTCCGGTCCCCGGCGCAACAATCAGCGACG
 GCTGGCTTGGCCAGAACCATCAGGACACATGGAAGTAGAGGAAGTGTGTAAAGCCAACGAGCCCTGCAC
 CAGTTTTCAGAGTGTGTGTGATGACAACTGTGAGAAGGAAGCCATGTATAAATGGCTTCTGAAGAAG
 GGAGGAAAGGACAAGAATGGAATGCCTATGGAACCTAAATCTGAGCCTGAGAAACACAGAGAGTCCCTGA
 CACTGTGGCTCTGCCCTCCAGAAATGAGCTAACAGAAAGCTAAGGCACCCAAAGGCTATGGCTCCTG
 TAGAATTGCTGATTCTTCCACGTCATAAAGAATAGTTCCTTGTGAGAGTGGCTTATGGGCGCTACGTGC
 AAAGGAGGCCCTAAGGACGTGCCTAATACAGAGGAGAGAGCTGGCAAAGAGATGCTTCAAAGCTCCATGG
 CCACTTCTGGTGTCCCTTAACTGCGGACTGGGTTTTACCAGGAAAGAAAGTGGGAAGCCTCAGCCA
 GTTCCCTCTGGAGAAGATAAGTGGCTACTTCGAAAGAAGGCACAGGAAGCATTCTTAATTCACCCCTA
 CAAGAAGAACGTAACCTTCGCCCGACTGTTACGGCTCCAGCAGTTTGTGATCTCTTGCCTGTATGC
 AGCTTAAGGTTGATAAAGAAAAATGGCTGTACAGAACTCCTCTACAGATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230402 representing NM_001284319
 Red=Cloning site Green=Tags(s)

MGQFNCLIHQLEYTONKDLANQVSVCLERLGLSLALKPEDSTVLLFEADTSALRQTITTFGSLKTIQIPEH
 LMAHASSSSIGPFLEKRGYIQVPEQKSASSGTAVSLSEWLLVSKPAIGLQAPYVPSTNPQDWLIPKQTSE
 NSQTSARACSFSDAWGNLKGLENWLLNSHQEIAGKPSSSKCNSHCSTSSFPEAEKAEDVELLDQDEL
 DLSDWLVTPQEPCELEKPVDSWETSEKFKLLFQVFRPYNVSDWLVKPDSCNTNCQGNQPRGVEIENLGN
 LKCLNDHLEAKKSVSPGATISDGWLAQNHQDTWKVEEVCKANEPCTSFECVDDNCEKEAMYKWLKK
 GGKDKNGMPMEPKSEPEKHRESLTLWLCPSRNELTEQAKAPKAMAPARIADSFHVIKNSLSEWLMGPTC
 KGGPKDVPNTEERAGKEMLQSSMATSWCPFNADWVLPKPKVGSLSQFSPGEDKWLRLKKAQEAFNLNSPL
 QEERNFRPDCYGLPAVCDLFAQMQLKVDKEKWLVRTPLQM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

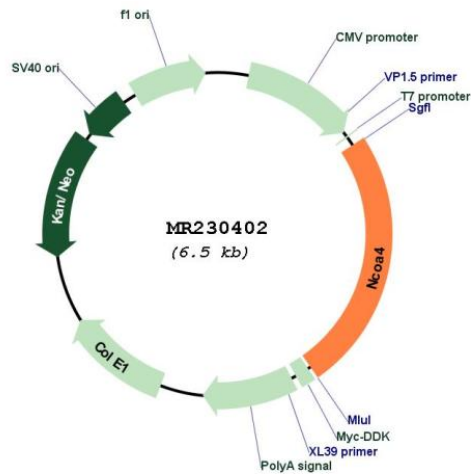
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	NM_001284319
ORF Size:	1590 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001284319.1 , NP_001271248.1
RefSeq Size:	4035 bp
RefSeq ORF:	1593 bp
Locus ID:	27057
Cytogenetics:	14 B
MW:	59.6 kDa