

Product datasheet for **MR209447**

Ncoa4 (BC031528) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncoa4 (BC031528) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ncoa4
Synonyms:	ARA70; Rfg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209447 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACACATCCCTGGAACAGAGTGGCTGCTACAGTAATAGAGAACTCTTCTGAGGTGCAGTGATGCAA
 GGAGGGAGCTGGAGCTTGTCTATTGGTGGAGTACTTCGGGCTGAACAGCAAATTAAGATAATTTACGAGA
 GGTAAAAGCTCAGATTCACAGCTGCATAAGTCGCCACCTGGAATGCCTTCGGAGCCGAGAGGTGTGGCTC
 AATGAACAGGTCGATCTCATCTATCAGCTTAAAGAGGAGACACTGCAGCAGCAGGCTCAGCAGCTTATT
 GGCTAATGGGCCAATTCAATTGTCTTATTCATCAACTGGAGTATACTCAGAACAAAGATCTTGCCAAATCA
 AGTCTCTGTGTGCTTGGAGAGACTGGGCAGTTGGCCCTGAAGCCTGAAGATTCAACTGTCCTACTCTTT
 GAAGCAGATACATCTGCTCTGCGCCAGACCATCACCACATTTGGATCCCTTAAGACCATTCAAATCCCTG
 AGCATCTGATGGCTCACGCGAGCTCCTCAAGTATTGGCCTTTCCTAGAGAAAAGAGGCTATATCCAGGT
 GCCAGAGCAGAAGTCAGCATCCAGTGGCACAGCTGTATCTCTGAGTGAGTGGCTTCTTGAAGCAAACCT
 GCCATTGGTCTTCAGGCTCCTTATGTACCCAGTACCAACCCACAGGACTGGCTTATCCCAAAACAGACTT
 CAGAGAATAGTCAGACTTCTGCCAGAGCCTGCAGTTTCTTCAGCGATGCCTGGGGCAATCTGAAGGGCTT
 AGAAAAATGGCTCCTTAACAGTCATCAACAAGAAATGCTGGAAAACCAAGTTTCCTCAAAATGTAACAGC
 CATTGTAGCACCAGTTCTTTCTCTCCTGAAGCTGAAAAGGCTGAAGATGTAGAGCTCCTTGATCAAGACG
 AGCTGGACCTGTCTGATTGGTTGGTGACTCCTCAGGAACCCTGTGAGCTGGAGAAGCCTGTGGATGGCAG
 CTGGGAAACCAGCGAGAAGTTTAACTCTGTTCAGGTGTTCCAGAGCCCTACAATGTGAGTGATTGG
 CCAATCTGAAATGCCTAAATGACCACTTGAGGCCAAAAATCAGTGTGCGTCCCAGCGCAACAATCAG
 CGAGGGCTGGCTTGCCCAAGAACATCAGGACACATGGAAGTAGAGGAAGTGTGTAAGCCAACGAGCCT
 TGACCAGTTTTGCAGAGTGTGTGTGATGACAACCTGTGAGAAGGAAGCCGTGTATAAATGGCTTCTGA
 AGAAGGGAGGAAAGGACAAGAATGGAATGCCTATGGAACCTAAATCTGAGCCTGAGAAACACAGAGAGTC
 CCTGACACTGTGGCTCTGCCCTTCCAGAAATGAGCTAACAGAACAAAGCTAAGGCACCCAAGGCTTGGCT
 CCTGCTAGAATTGCTGATTCCTTCCAGCTATAAAGAATAGTTCTTGTGAGAGTGGCTTATAGGGCCTA
 CGTGCAAAGGAGGCCCTAAGGACGTGCCTAATACAGAGGAGAGCTGGCAAAGAGATGCTTCAAAGCTC
 CATGGCCACTTCTGGTGTCCCTTAACTGCGGACTGGGTTTTACCAGGAAAGAAAGTGGGAAGCCTC
 AGCCAGTTCCTCTGGAGAAGATAAGTGGCTACTTCGAAAGAAGGCACAGGAAGACGTAACCTTTCGCC
 CCGACTGTTACGGCTCCAGCAGTTTGTGATCTTTGCTGTATGCAGCTTAAGGTTGATAAAGAAAA
 ATGGCTGTACAGAACTCCTCTACAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209447 protein sequence
 Red=Cloning site Green=Tags(s)

MNTSLEQSGCYSNRETLRCSARRELELAIGGVLRAEQIKDNLREVKAQIHSCISRHLECLRSREVWL
 NEQVDLIYQLKEETLQQQAQQLYWLMGFNCLIHQLEYTQNKDLANQVSVCLERLGLALKPEDSTVLLF
 EADTSALRQTITTFGSLKTIQIPEHLMAHASSSSIGPFLEKRGYIQVPEQKSASSGTAVSLSEWLLVSKP
 AIGLQAPYVPSTNPQDWLIPKQTSNSQTSARACFFSDAWGNLKGLENWLLNSHQEIAGKPSSSKCNS
 HCSTSSFPEAEKAEDVELLDQDELDSLVDLWTPQEPCELEKPVDSWETSEKFKLLFQVFPYVSDW
 LVKPDSCNQCQNPQPRGVEIENLGNLCLNDHLEAKKSVSPSATISEGWLAQNHQDTWKVEEVCKANEP
 CTSFAEVCDDNCEKEAVYKWLKKGKDKNGMPEPKSEPEKHRESLTLWLCPSRNELTEQAKAPKALA
 PARIADSFHVIKNSSLSEWLIPTCKGGPKDVPNTEERAGKEMLQSSMATSWCPFNTADWVLPKKVGS
 SQFSPGEDKWLRLKKAQEERNFRPDCYGLPAVCDLFCMQLKVDKEKWLVRTPLQM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC031528

ORF Size: 1848 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:

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: [BC031528](#), [AAH31528](#)

RefSeq Size: 3378 bp

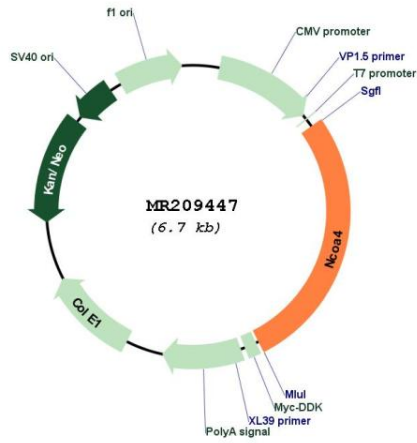
RefSeq ORF: 1850 bp

Locus ID: 27057

Cytogenetics: 14 B

MW: 69.4 kDa

Product images:



Circular map for MR209447