

Product datasheet for **MG209447**

Ncoa4 (BC031528) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncoa4 (BC031528) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ncoa4
Synonyms:	ARA70; Rfg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG209447 representing BC031528
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACACATCCCTGGAACAGAGTGGCTGCTACAGTAATAGAGAACTCTTCTGAGGTGCAGTGATGCAA
 GGAGGGAGCTGGAGCTTGTCTATTGGTGGAGTACTTCGGGCTGAACAGCAAATTAAGATAATTTACGAGA
 GGTAAAAGCTCAGATTCACAGCTGCATAAGTCGCCACCTGGAATGCCTTCGGAGCCGAGAGGTGTGGCTC
 AATGAACAGGTCGATCTCATCTATCAGCTTAAAGAGGAGACACTGCAGCAGCAGGCTCAGCAGCTTATT
 GGCTAATGGGCCAATTCAATTGTCTTATTCATCAACTGGAGTATACTCAGAACAAAGATCTTGCCAAATCA
 AGTCTCTGTGTGCTTGGAGAGACTGGGCAGTTGGCCCTGAAGCCTGAAGATTCAACTGTCCTACTCTTT
 GAAGCAGATACATCTGCTCTGCGCCAGACCATCACCACATTTGGATCCCTTAAGACCATTCAAATCCCTG
 AGCATCTGATGGCTCACGCGAGCTCCTCAAGTATTGGCCTTTCCTAGAGAAAAGAGGCTATATCCAGGT
 GCCAGAGCAGAAGTCAGCATCCAGTGGCACAGCTGTATCTCTGAGTGAGTGGCTTCTTGAAGCAAACCT
 GCCATTGGTCTTCAGGCTCCTTATGTACCCAGTACCAACCCACAGGACTGGCTTATCCAAAACAGACTT
 CAGAGAATAGTCAGACTTCTGCCAGAGCCTGCAGTTTCTTCAGCGATGCCTGGGGCAATCTGAAGGGCTT
 AGAAAAATGGCTCCTTAACAGTCATCAACAAGAAATGCTGGAACCAAGTTTCTCAAAATGTAACAGC
 CATTGTAGCACCAGTTCTTTCTCTCCTGAAGCTGAAAAGGCTGAAGATGTAGAGCTCCTTGATCAAGACG
 AGCTGGACCTGTCTGATTGGTTGGTGACTCCTCAGGAACCCTGTGAGCTGGAGAAGCCTGTGGATGGCAG
 CTGGGAAACCAGCGAGAAGTTTAACTCTGTTCAGGTGTTCCAGAGCCCTACAATGTGAGTGATTGG
 CTAATCTGAAATGCCTAAATGACCACTTGAGGCCAAAAAATCAGTGTGCGTCCCAGCGCAACAATCAG
 CGAGGGCTGGCTTGCCCAAGAACCATCAGGACACATGGAAGTAGAGGAAGTGTGTAAGCCAACGAGCCT
 TGCACCAGTTTTGCAGAGTGTGTGTGATGACAACCTGTGAGAAGGAAGCCGTGTATAAATGGCTTCTGA
 AGAAGGGAGGAAAGGACAAGAATGGAATGCCTATGGAACCTAAATCTGAGCCTGAGAAACACAGAGAGTC
 CCTGACACTGTGGCTCTGCCCTTCCAGAAATGAGCTAACAGAACAAGCTAAGGCACCCAAGGCTTGGCT
 CCTGCTAGAATTGCTGATTCCTTCCACGTATAAAGAATAGTTCTTGTGAGAGTGGCTTATAGGGCCTA
 CGTGCAAAGGAGGCCCTAAGGACGTGCCTAATACAGAGGAGAGAGCTGGCAAAGAGATGCTTCAAAGCTC
 CATGGCCACTTCTGGTGTCCCTTAACTGCGGACTGGGTTTTACCAGGAAAGAAAGTGGGAAGCCTC
 AGCCAGTTCCTCTGGAGAAGATAAGTGGCTACTTCGAAAGAAGGCACAGGAAGACGTAACCTTTCGCC
 CCGACTGTTACGGCTCCAGCAGTTTGTGATCTTTGCTGTATGCAGCTTAAGGTTGATAAAGAAAA
 ATGGCTGTACAGAACTCCTCTACAGATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG209447 representing BC031528
 Red=Cloning site Green=Tags(s)

MNTSLEQSGCYSNRETLRCS DARRELELAIGGVLR AEQQIKDNLREVKAQIHSCISRHLECLRSREVWL
 NEQVDLIYQLKEETLQQQAQQLYWLMGFNCLIHQLEYTQNKDLANQVSVCLERLGLSALKPEDSTVLLF
 EADTSALRQTITTFGLKTIQIPEHLMHASSSSIGPFLEKRGYIQVPEQKSASSGTAVSLSEWLLVSKP
 AIGLQAPYVPSTNPQDWLIPKQTSNSQTSARACSFSDAWGNLKGLENWLLNSHQEIAGKPSSSKCNS
 HCSTSSFPEAEKAEDVELLDQDELDSLVDLWVTPQEPCELEKPVDSWETSEKFKLLFQVFPYVSDW
 LVKPDSTNCQGNQPRGVEIENLGNLCLNDHLEAKKSVSVPSATISEGWLAQNHQDTWKVEEVCKANEP
 CTSFAECVDDNCEKEAVYKWLKKGKDKNGMPMEPKSEPEKHRESLTLWLCPSRNELTEQAKAPKALA
 PARIADSFHVIKNSSLSEWLIPTCKGGPKDVPNTEERAGKEMLQSSMATSWCFNTADWWLPGKKVGS
 SQFSPGEDKWLRLKKAQEERNFRPDCYGLPAVCDL FACMQLKVDKEKWLVRTPLQM

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

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:	BC031528 , AAH31528
RefSeq Size:	3378 bp
RefSeq ORF:	1850 bp
Locus ID:	27057
Cytogenetics:	14 B