

## Product datasheet for **MC228191**

### **Ncoa4 (NM\_001284319) Mouse Untagged Clone**

#### **Product data:**

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



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**Fully Sequenced ORF:** >MC228191 representing NM\_001284319  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCCAATTCAATTGTCTTATTCATCAACTGGAGTATACTCAGAACAAGATCTTGCCAAATCAAGTCT  
 CTGTGTGCTTGGAGAGACTGGGCAGTTTGGCCCTGAAGCCTGAAGATTCAACTGTCTACTCTTTGAAGC  
 AGATACATCTGCTCTGCGCCAGACCATCACCACATTTGGATCCCTTAAGACCATTCAAATCCCTGAGCAT  
 CTGATGGCTCACGCGAGCTCCTCAAGTATTGGCCTTTCTAGAGAAAAGAGGCTATATCCAGGTGCCAG  
 AGCAGAAGTCAGCATCCAGTGGCACAGCTGTATCTCTGAGTGAGTGGCTTCTTGAAGCAAACCTGCCAT  
 TGGTCTTCAGGCTCCTTATGTACCCAGTACCAACCCACAGGACTGGCTTATCCAAAACAGACTTCAGAG  
 AATAGTCAGACTTCTGCCAGAGCCTGCAGTTTCTTCAGCGATGCCTGGGCAATCTGAAGGGCTTAGAAA  
 ATGGCTCCTTAACAGTCATCAACAAGAAATTGCTGGAAAACCAAGTTCCTCAAATGTAAACAGCCATTG  
 TAGCACCAGTTCTTTCTCTCCTGAAGCTGAAAAGGCTGAAGATGTAGAGCTCCTTGATCAAGACGAGCTG  
 GACCTGTCTGATTGGTTGGTGACTCCTCAGGAACCCTGTGAGCTGGAGAAGCCTGTGGATGGCAGCTGGG  
 AAACCAGCGAGAAGTTAAACTCTGTCCAGGTGTTCCAGAGAGCCCTACAATGTGAGTGATTGGCTTGT  
 CAAGCCTGACTCCTGTACCAACTGTGAGGGCAACCAGCCTAGAGGTGTGGAGATTGAGAACCTGGGCAAT  
 CTGAAATGCCTAAATGACCACCTGGAGGCCAAAAAATCAGTGTCCGGTCCCCGGCGCAACAATCAGCGACG  
 GCTGGCTTGGCCAGAACCATCAGGACACATGGAAAGTAGAGGAAGTGTGTAAGCCAACGAGCCCTGCAC  
 CAGTTTTGCAGAGTGTGTGTGATGACAACCTGTGAGAAGGAAGCCATGTATAAATGGCTTCTGAAGAAG  
 GGAGGAAAAGGACAAGAATGGAATGCCTATGGAACCTAAATCTGAGCCTGAGAAACACAGAGAGTCCCTGA  
 CACTGTGGCTCTGCCCTCCAGAAATGAGCTAACAGAACAAAGCTAAGGCCACCAAGGCTATGGCTCCTGC  
 TAGAATTGCTGATTCTTCCACGTCATAAAGAATAGTTCCCTTGTGAGAGTGGCTTATGGGCTACGTGC  
 AAAGGAGGCCCTAAGGACGTGCCTAATACAGAGGAGAGAGCTGGCAAAGAGATGCTTCAAAGCTCCATGG  
 CCACTTCTGGTGTCCCTTAACTGCGGACTGGGTTTTACCAGGAAAGAAAGTGGGAAGCCTCAGCCA  
 GTTCCCTCTGGAGAAGATAAGTGGCTACTTCGAAAGAAGGCACAGGAAGCATTCTTAATTCACCCCTA  
 CAAGAAGAACGTAACCTTCGCCCGACTGTTACGGCCTCCAGCAGTTTGTGATCTCTTGCCTGTATGC  
 AGCTTAAGGTTGATAAAGAAAAATGGCTGTACAGAACTCCTCTACAGAT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001284319

**Insert Size:** 1593 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**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:** [NM\\_001284319.1](#), [NP\\_001271248.1](#)

**RefSeq Size:** 4035 bp

**RefSeq ORF:** 1593 bp

**Locus ID:** 27057

**Cytogenetics:** 14 B