

Product datasheet for **RR217015**

Ncoa4 (NM_001034008) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncoa4 (NM_001034008) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ncoa4
Synonyms:	MGC72479
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR217015 representing NM_001034008
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATACATCCCTGGAGCAGAGTGGCTGCTGCAGTAGTAGAGAGACACTTCTGAGGTGCAGTGATGCAA
 GGAGGGAGCTGGAGCTTGCATTGGTGGAGTCCCTCCGGCCGAGCAGCAAATGAAAGATAATCTACGAGA
 GGTGAAAGCTCAGATTCACAGCTGCATTAGTCGCCACCTGGAATGCCTTCGAAGCCGAGAGGTGTGGCTC
 AACGAGCAGGTGGATCTCATCTATCAGCTGAAGGAGGAGACGCTGCAGCAGCAGGCTCAGCAGCTGTACT
 GGCTAATGGGCAATTCAATTGTCTTATTCATCAACTGGAGATTACCCAGAACAAGGATCTTGCCAAATCA
 AGTCGCGCTGTGCTTGGAGAGACTGGGCAGTTGACCCTTAAGCCTGAGGATTCTACTGCTCTGCTTTT
 GAAGCAGATGCATCTGCCCTGCGTCAGACCATCACCACGTTTGGTCCCTCAAGACCATTCAAATTCCTG
 AGCACCTGATGGCTCATCTAGTCTTCAAGTGCAGGCCTTTCCTGGAGAAAAGAGTTATACCCAGGT
 GCCAGAGCAGAAGTCAGCATCCAGCGGCACAGCTGTTTCTCAGTGAATGGCTTCTGTAAAGCAAACCT
 GCCATTGGTCTCAGGCTCCATACGTACCCAGTACCAACCCACAGGACTGGCTCACCCCAAACAGACCT
 TGGAGAACAGTCAGACTTCTGCCAGAATCTGCAGCGATGCCTGGGGCAATCTGAAGGGCTTAGAAAAGT
 GCTCCTAACAGTCATCAACAAGAAATTCCTGGAAAACCAAGTTCCTCAAATGTAATAGCCATTGTAGC
 ACCAGTCTTTCTACTGAAGTAGAAAAGTTGAAGTAGTAGAGTCCGATCAAGACGAGCTGGACC
 TGTCTGATTGGTGGTACTCCTCAGGAACCCCGTATCTGGAGAAGCCTGTGAATGGCCGCTCTGACAC
 CAGTGACAAGTTAAGCTTGTCCAGGTGTTACAGAGCCCTACAATGTGAATGATTGGCTTGTCAAG
 CCTGACTCCTGTACCAACTGTCAAGGTAACCCAGCCAGAGGTGTGGAGATTGAGAACCTGGGCAATCTGA
 AATGCCTGAATGACCACCTGGAGGCTAAAAGTCAATGCCAGTCCCGGGCTAATCACCGAGGCTGGCT
 TGTCCAGAACCATCAGGACACATGTAAAGTAGAGGAAGTCTGCAAAGCCAACGAGCCCTGCACCAGCTTT
 GCAGAGTGTGTGTGATGACAGCTGTGAGAAGGAAGCGATGCATAAATGGCTTCTGAAGAAAGAAGGGA
 AGGACAAGAATGGAATGCCTATGGGACCCAAATCTGAGTCTGAGAAACACAGAGAGTCCCTGTCTGTG
 GCTTTGCCCTTCTAGAAATGAGCTAACAGAACACGCTAAGACACCCCAAGACTACGGCTCCTGCTAGAATT
 GCTGACTCCTCCACATCATAAGGAATAGCTCCTTGTGAGAGTGGCTTATTGGGCTACATGCAAAGGAG
 GAGGCCCAAGGAAGTGCCTAATGGAGGAGAGAGCTAGCAAAGAAATGCTTAAAAGCCCCATGGCCAC
 TACTGGCGTCTTTAACACTGCTGACTGGGTCTTACCAGGAAAGAAAGTGGGAAACCTTAGTCAGTTC
 TCCTCGGAGAAGATAAGTGGCTACTTCGAAAGAAGGCACAGGAAGTATTCTTAATCACCCCTACAAG
 AAGAACGTAACCTTCGCTCAGATTGTTACGGCCTCCCGGCAAGTTGTGATCTTTGCTGTATGCAGCT
 TAAAGTTGATAAGGACAATGGCTGTACAGAGCCCTCTTCAGATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR217015 representing NM_001034008
 Red=Cloning site Green=Tags(s)

MNTSLEQSGCCSSRETLRCSARRELELAIGGVLRAEQMKDNLREVKAQIHSCISRHLECLRSREVWL
 NEQVDLIYQLKEETLQQQAQQLYWLMGFNCLIHQLEITQNKDLANQVALCLERLGLTLKPEDSTVLLF
 EADASALRQITITFGSLKTIQIPEHLMAHPSSSVRPFLEKRGYTVPEQKSASSGTAVSLSEWLLVSKP
 AIGPQAPYVPSTNPQDWLTPKQTLNSQTSARICSDAWGNLKGLENWLLNSHQQIEPGKPSSSKCNHCS
 TSSFSTEDEKVEDVEVLDQDELSDLSDWL VTPQEPDLEKPVNGRSDTSDKFKLLFQVFPYVNDWL VK
 PDSCNTCQGNQPRGVEIENLGNLKLNDHLEAKKSLPVPGVITEGWL VQNHQDTCVVEEVCKANEPCTSF
 AECVDDSEKEAMHKWLLKKEGKDKNGMPMPKSESEKHRESLSLWLCPSRNELTEHAKTPKTTAPARI
 ADSFHIIIRNSSLSEWIGPTCKGGGPKVPMMEERASKEMLKSPMATYWRPNTADWVLP GKVKVGNLSQF
 SSGEDKWL LRKKAQEVFLNSPLQEERNFRSDCYGLPAVCDL FACMQLKVDKDKWL YRAPLQM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001034008

ORF Size: 1866 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: [NM_001034008.1](#), [NP_001029180.1](#)

RefSeq Size: 3430 bp

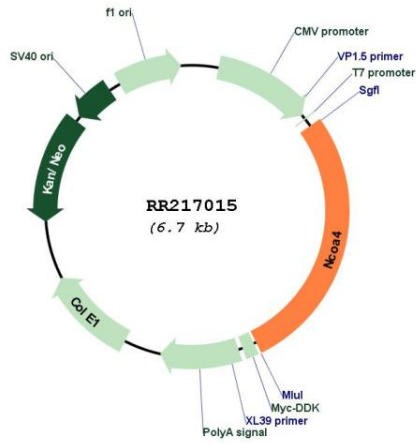
RefSeq ORF: 1869 bp

Locus ID: 619385

Cytogenetics: 16p16

MW: 70.3 kDa

Product images:



Circular map for RR217015