

Product datasheet for **MC201254**

Ncoa5 (NM_144892) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncoa5 (NM_144892) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ncoa5
Synonyms:	CIA
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017152 sequence for NM_144892
 GCGCCTTTGTCCTACGGCGGGCAGGTGGGCAGAGGCCGAGGCGGCAGCGCGGGCCTGAGGCGGAGGAGC
 GGCGGGGAGGCGGCCACGCCGTAGCGATATTAATAAGGCAGCGGAAAGAAGAAATATGAATACGGCTCC
 ATCAAGACCCAGCCCCACACGAAGGGATCCCTATAGCTTTGGAGATAGTCGCGATACAAGGCGTGATCGC
 TCTCCAATTCGAGGAAGTCCAAGGAGAGAACCAGGGATGGCAGAAATGGCCGGGATGCCCGTGATAGCA
 GAGACATTCGAGATCCTCGGGATTTGCGGGACCGCAGAGACAGCAGGGACATTCCGGATCACAGAGACAG
 CAGAAGTGTAAGTGAAGCCCGGACCTGAGGGATTTTCGGGACTTTCGTGATCTAAGAGACTCTAGAGAT
 TTTCGAGATCATCGAGACCCTGTGTATGACAGATACAGAGATATAAGAGATTCCAGAGACCCTTTGTACA
 GGAGAGAAGGCTCATATGACCGTTATCTGAGGGTGGATGACTATTGCCGGAGGAAGGATGACTCGTACTT
 TGACCGGTACAGAGATAGCTTTGATGGACGGGGCCCTCCTGGCCAGAGAGTCAATCTCGAGCAAAAGAG
 CGTTTGAAACGTGAGGAACGACGTAGAGAGGAGCTTTATCGTCGGTATTTTGAGGAGATCCAGCGACGCT
 TTGATGCTGAGAGGCTGTGGATTGCTCAGTTATTGTGGTCAACAACAGACTAAAGACTATGCTGAGTC
 TGTGGGGAGGAAGGTGCGAGACCTGGGCATGGTCGTGGACCTGATCTTCTCAACACAGAGGTGTCCCTC
 TCACAAGCGCTGGAGGATGTCAGCAGAGGAGGCTCTCCCTTCGCCATTGTCATCACCCAGCAGCACCAGA
 TTCACCGTTCTGCACAGTCAACATCATGTTTCGGAACACCACAAGAGCATCGCAACATGCCCCAGGCAGA
 TGCCATGGTGCTGGTGGCCAGAAATTACAGCGCTACAAGAAATGACTGTGAGAAAAGGAACGTGAGGAG
 ATTGCCCGACAGGCAGCCAAAATGGCTAATGACGCCATCCTCCAGGAAAGAGATCGTGGGGGCCCTGAAG
 AGGGAGGTCTGGAGGGCACCCTCCAGCTATCCAGAGCCTCATCAACCTCCTGGCAGATAACAGATACCT
 CACTGCCGAGGAGACGGACAAGATCATCAACTACCTGCGCGAGCGGAAGGAGCGGCTCCTGAGGAGCAGC
 GCCGACTCTCGCTGGCCCCGATTTCCCGCCAGCCACTCGGGGCGGCCTCGGGTTCTCGCTGAAGTCAC
 AACCAAGTTCACAACCGCTTCAGAGCGGCCAAGTGCTCCCTTCTGCTACACCCACTCCAGCCGACCCCC
 CACCTCCAGCAAGAGCTTCAGGCCAAAATCCTCAGCCTCTTCAATAGTGGCGCGGTTGCGGCCAACAGC
 AGCTCTGCATCCCCCTCAGTGGCTACCGGAAGCTCCAGAACAGAAATTTTCCACAGCAGCAACAGCC
 AGCCTCAGCAAAAGACCGCAGGCCTCAGGAAATCAGCCTCCAAACATTGTGGGACAGGCAGGGTCTGCTCG
 GAACATGGGCCCTAGGCCTGGGGCTCCTTCCAAAGGGCTCTTTGGTCAGCCTTCCAGTCGCTGGCACC
 GCCAGCACCATGGCTAGCCAGAGGCCTGTATCTTCCACAGGTATTAACCTTGACAATCCAAGTGACAAA
 AGGCTCTGGACACCCTGATTAGAGTGGCCCTGCCCTTTCCACCTGGTTAGCCAACTGCAGCAGAGGT
 GGGGCGGGCCAGGCCCCCATGGGATCTTACCAGAGGCATTACTGAGGCTCTACTGGTCTACTGTTCTTA
 GCCCCACCCTTCCCTGGCCCCCTCTACTTCATCCTAAGTAGAGTTGTTTGGAAAGTGTTCGAAACACTTTC
 CAGGTCAACATCAAAATATCCTAAGTTTCTCTCACCCTCTTCTGCGGCTGTTGCTTATCACTTATCAG
 AATCAGAACTTAGACTGCATTGCGGGCTGGATCTTTTGTGGTGAAGATAAGTGTCTGGGATCTGG
 GCTCAGCTTCTGTCTGGGATCGCTCTGGCACCTGCCTGGCAGATTGGAGGAACAGGAAGAAGCCAGCG
 CAGCTGCCTATGGGAACACCATTTCTGGAGGCAGTGGTCATAGCCTTAGTTTTACCTCCACAGCAGCC
 AGAGCTGCGTCTGCCTGGCTCCAGTGAAGCCAGGTGGTCTTGGCAGACAGTGTATGTTTCCATC
 AGAGAATAGAATCCAAGGACTCAAGAGTGATTCTCTGGACTGTGAAGTGCCATGTGGCAGCCAGAGAA
 GAGAGGACTCTTGACTGCATCAGAGTGGTCCCTGAAGTTGGTTTGGTTTCTGATTTTTTATTTTCT
 GGAGGGTCTGCAGACAAGTGAGCAGCTCTCTGGCACTTTGACATGAAGTGTGACTCTGGGGCCACTGC
 TCTCCACAGCGTTAGCTGCACCTTTCTCTCCGGCTGCACCTCATGCAGTCAGCACTGGGGCAGCTCCAG
 GCTCTGGAGCTGGACACCTTGGTGGTCCGTGATTTCTTTGAGCCCCAGGCTTTTGTTCATTTCAGACT
 CTTGTTCTGTTTTCTGATGAGCAGGAGACGGGACCACTTGATGGTAGACTGTGGTAGTTGGGTATGTTT
 TCATACAGAAGAGCATTCTGTAACTTCTGAGACAGGGTATGTTTGAAGAAGGGCTCTGGCTGCTGCC
 TGAATGGAGCCAGAGGAAGAAGCGCCTTTCTTTGGGAAAGGCTGCTATTAAATGAAGTGAGGATCAG
 GTCAGGGGAGGGTCAGGCCTGGCTGGGCGCAAGAGTGCTAACTCCAGTCCAGTCCCTGCCAGAGGCTGA
 GCAAACAGTTTCAAAGCTAAGTCCCAAAATGGCAGCAGTTTATGTTCTGATCTGTTTGTGTTATACGG
 TGGGTCCCCCTCCCCCTTTGGAACCTTGTGTTGTTGATAAAATGAAATAATTACTTTTTAATTAATG
 AAAAAAGTCAGAA A

Restriction Sites: RsrII-NotI
ACCN: NM_144892
Insert Size: 1740 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC017152</u> , <u>AAH17152</u>
RefSeq Size:	3151 bp
RefSeq ORF:	1740 bp
Locus ID:	228869
UniProt ID:	<u>Q91W39</u>
Cytogenetics:	2 H3
Gene Summary:	Nuclear receptor coregulator that can have both coactivator and corepressor functions. Interacts with nuclear receptors for steroids (ESR1 and ESR2) independently of the steroid binding domain (AF-2) of the ESR receptors, and with the orphan nuclear receptor NR1D2. Involved in the coactivation of nuclear steroid receptors (ER) as well as the corepression of MYC in response to 17-beta-estradiol (E2) (By similarity).[UniProtKB/Swiss-Prot Function]