

## Product datasheet for RN207959

### Ncoa2 (NM\_031822) Rat Untagged Clone

#### Product data:

|                      |   |
|----------------------|---|
| Product Type:        | Expression Plasmids   |
| Product Name:        | Ncoa2 (NM_031822) Rat Untagged Clone  |
| Tag:                 | Tag Free  |
| Symbol:              | Ncoa2   |
| Synonyms:            | Tif2  |
| Vector:              | pCMV6-Entry (PS100001)  |
| E. coli Selection:   | Kanamycin (25 ug/mL)  |
| Cell Selection:      | Neomycin  |
| Fully Sequenced ORF: | >RN207959 representing NM_031822<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAGTGGGATGGGAGAAAATACCTCTGACCCGTCCAGGGCAGAGACCAGAAAACGCAAGGAATGTCGGG  
ACCAGCTCGGACCCAGCCCCAAAAGGAGCACGGAGAACGTAACCGCAGCAGGAAAATAAGTACATAGA  
GGAAGTCCGAGAGCTGATCTTTGCAAATTTAATGATATCGACAACCTCAACTTCAAACCTGACAAATGT  
GCCATCTTAAAAGAACTGTGAAACAGATCCGCCAGATCAAAGAGCAAGAGAAAGCAGCCGCTGCCAACA  
TCGATGAAGTGCAGAAAGTCAAGATGTTTCGTCCACGGGGCAGGGCGTCATCGACAAGGACGCACTGGGGCC  
TATGATGCTTGAGGCCCTTGATGGTTTTTTTTTCGTGTCGTAACCTAGAAGGCAATGTGGTGTTCGTGTCC  
GAGAAGCTGACGAGTATCTGCGGTATAACCAGGAAGAACTGATGAACAAGAGCGTTTACAGCATCCTGC  
ATGTCGGGGACCACACGGAATTTGTCAAGAACCTGCTGCCAAAGTCCATGGTGAATGGGGATCCTGGAC  
CGGAGAACCTCCCAGGCGGAACAGCCATACCTCAACTGTCCGATGCTGGTGAAGCCTTTGCCAGATTCA  
GAAGAGGAAGCCATGATAACCAGGAAGCACATCAGAAATACGAGACGATGCAGTCTTTGCTGTGTCTC  
AGCCAAAGTCTATCAAAGAGGAGGGCGAAGATAAGCAGTCTGCTTGTATTGTGTGGCAAGAAGAGTCCC  
CATGAAGGAAAGGCCAGCCCTTCCCTCATCAGAGAGCTTTACCACCCGCCAGGACCTCAAAGGCAAGATC  
ACTTTTCTGGACACTAGCACCATGAGAGATGCCATGAAACCGGGCTGGGAGGATCTGGTAAGAAGATGTA  
TTCAGAAGTTCACACACAGCATGAAGGGGAGTCTCTATCATACGCCAAGAGGCATCACCATGAAGTTCT  
GAGACAAGGCTTGGCGTTCAGTCAGATCTATCGTTTTTTCCTTGTGACAGCGCACTCTCGTTGCTGCACAA  
ACGAAGAGCAAATCATCCGTTCCAGACTACGAATGAGCCTCAGCTTGTGATATCGATACACATGCTTC  
ACAGAGAGCAGAATGTGTGTGAATGAATCCGGATCTGACTGGACAAGCAATGGGGAAGCCATTGAGTCC  
AATGAGCTCTAGCAGCCCCGCCGTGAGCCATGTGAGTGGGAACCCAGGTGAGACGTGGCCCTCGGT  
AGCAATATGAACCTTCCCATGAATGGCCCAAGGGAACAGATGAGCATGCCTATGGGCAGGTTTGGTGGTT  
CTGGGGGCATGAACCATGTATCAGGCATGCAAGCAACCACTCCTCAGGGTGTAACTATGCACTCAAAT  
GAACAGTCCCTCAGAAAGCAGCCCCGGCCTGAACCCAGGGCAACCCAGCTCTGTGCTCTCCACCGCAT  
CGCATGAGCCCCGGCGTGGCTGGCAGTCTCGGTTCCACCCAGTCAGTTTTCCCTGCAGGAAGCTTGC



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ACTCCCCAGCGGGAGTTTGCAGCAGCACAGGAAATAGCCATAGTTACACCAACAGTTCCTCAATGCACT  
 GCAAGCCCTCAGCGAGGGCCACGGGTCTCGTTAGGGCCATCGTTGGCTTCTCCGGACCTAAAAATGGG  
 AATTCCGAAAACCTCCCAGTTAACATGAATCCTCCCCACTCAGCAAGATGGGAAGCTTGGACTCCAAAG  
 ACTGTTTTGGACTTTATGGGGAGCCATCAGAAGGTACAACCTGGACAAGCACAGGCCAGCTGCCATCCTGA  
 AGAGCAGAAGAGGCCAATGATTCCAGCATGCCCCAGGCGCCAGCGAGGACAGGGCTGAGGGACACAGC  
 CGGCTGCATGAGAGCAAAGGGCAAACCAAACTCTACAGCTGCTACCACCAAGTCCGACCAGATGGAGC  
 TTTCACCCCTTGGCCAGCTCTTTGTGCGACACAACAAGGACTCCACAGGCAGCTTGCCAGGGCTGGGT  
 CACGCATGGCACCTCGCTCAAGGAGAAGCATAAGATTTTGCACAGACTTTACAGGACAGCAGCTCCCT  
 GTGGACTTGCCAAAGCTGACAGCAGAAGCCACAGGCAAAGAGCTGAATCAGGAGTCCAGTGGCACGGCTC  
 CTGGGTGAGAAGTACTGTCAAACAGGAGCCAGCGAGCCCAAGAAGAAAGAGAACGCACTACTGCGCTA  
 TTTGCTCGACAAAGATGATACTAAAGATATTGGTTTACCGGAAATAACCCCAAACCTCGAGCGTTGGAC  
 AGTAAGACAGATCCTGCCAGTAACACAAAGCTAATCGCCATGAAAACCTGTGAAGGAGGAGGTGAGCTTTG  
 AGCCAGTGACCAGCCTGGCAGCGAGCTGGACAACCTGGAAGAGATTTTGGATGATTTGCAGAATAGTCA  
 GTTACCACAGCTTTTCCAGACACAAGGCCAGGAGCTCTACTGGGTGAGTTGACAAGCAAGCCATCATC  
 AATGACCTCATGCAACTCAGGCTGACAGCAGTCTGTACACCTGTGCGAGCCAAAAAGCAGCACTGC  
 GAATGTACAGAGCACTTTAATAACCCACGACCAGGGCAACTGGGCAGTTATTGCCAAACCAGAAATTT  
 ACCACTTGACATCACATTGCAAAGCCAACTGGTGTGGACCTTTCCACCAATCAGAAAACAGTAGTCCA  
 TACTCAGTGATACCTCAGCCAGGAATGATGGGTAAACAAGGGATGTTAGGAAGCCAAAGAAAACCTTAGGGA  
 ACAATAGCACAGGAATGATTGGCAGTAGCACTTCCCGTCCAGCATGCCTTCTGGGGAATGGGCACCACA  
 GAGTCCAGCTGTGAGAGTCACTTGTGCTGCCACCACTGGTCCATGAACCGGCAATCCAAGGGGCATG  
 ATTCGGAACCCAAACAGCAAGCATCCCCATGCGAGCCAACAGCCAGCCTGGCCAAAGACAGATGCTGCAGC  
 CTCAGGTCATGAACATAGGGCTTCTGAGTTGGAGATGAACATGGGAGGCCCTCAGTATAATCAACAGCA  
 GGCCCCCCAAACCAAACTGCCCCCTGGCCCCGAGAGCATCCTGCCTATAGACCAGGCATCTTTCGGCAGC  
 CAGAACAGGCATCCCTTTGGCAGCTCCCCGACGACCTGCTGTGCCACATCCTGCAGCCGAGTCCCCAA  
 GCGACGAGGGCGCTCTTCTAGACCAGCTCTATCTGGCCTTGCGGAACTTCGATGGCCTTGAAGAGATTGA  
 TAGAGCTCTGGGATACCAGAACTGGTCAGCCAGAGCCAAGCTGTGGATCCGGAGCAGTTCTCGAGTCAG  
 GAGTCCAGCATGATGCTGGAGCAGAAGCCCCCTGTTTTCCACAGCAGTACGCATCTCAGACACAAATGG  
 CCCAGGGGAGCTATAATCCCATGCAAGATCCAACTTCCACACCATGGGACAGCGGCCAAATTAACCAC  
 ACTCCGAATGCAGCCCCGGCCGGCCTCAGGCCACAGGCATTGTGCAGAACCAGCCAAACCAACTGAGA  
 CTTTCAGCTCCAACATCGCTCCAAGCACAGCAGAACCAGCCAGCCGCTAATGAACCAGATCAGCGGCTTT  
 CCAATGTGAACCTTGACTTTGAGGCTGGCGTGCCAACTCAGGCTCTATCAATGCACAGATGCTGGCCCA  
 GAGGCAGAGGGAAATCCTTAACCAGCATCTCCGGCAGAGACAGATGCATCAGCAGCAGCAGGTGCAGCAG  
 CGAACTTTGATGATGAGAGGACAAGGGTTGAATATGACCCCAAGCATGGTGGCTCCCACTGGTTTACCAG  
 CAGCCATGAGCAACCCCGGATCCCGCAAGCAATGCCAGCAGTTCCTATTTCCCTCCGAACTACGGAAT  
 AAGTCAGCAACCTGATCCTGGCTTTACTGGAGTACAACCTCCCAGAGTCTCTAATGTCTCCCCGGATG  
 GCACATACGCAGAGTCCCATGATGCAGCAGTCTCAGGCCAACCCAGCCTACCAGCCCGCCTCAGACATTA  
 ACGGATGGGCACAGGGAAGCATGGGCGGAAACAGCATGTTCTCACAACAGTCCCCACCACACTTTGGGCA  
 ACAAGCGAACACCAGCATGTACAATAACAACATGAACATCAACGTGTCCATGGCAACCAACAGCGTGGC  
 TTGAGCAACATGAACCAGATGACAGGCCAGATGAGCATGACCTCAGTGACCTCTGTGCCTACATCAGGGC  
 TGTCTCCATGGGTCTGAACAGGTCAATGACCTGCTCTGAGGGGAAGCAGCCTTTTACCACAAACCA  
 ACTGCCTGGAATGGACATGATCAAGCAGGAGGAGATGGGTCTCGGAAACTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_031822  
 Insert Size: 4398 bp

|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u>NM_031822.1, NP_114010.1</u>   |
| <b>RefSeq Size:</b>           | 4398 bp   |
| <b>RefSeq ORF:</b>            | 4398 bp   |
| <b>Locus ID:</b>              | 83724   |
| <b>UniProt ID:</b>            | <u>Q9WU19</u>   |
| <b>Cytogenetics:</b>          | 5q11  |
| <b>Gene Summary:</b>          | binds to nuclear receptor complex leading to coactivation [RGD, Feb 2006]   |