

Product datasheet for MR231943

Ncor2 (NM_001253904) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ncor2 (NM_001253904) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ncor2
Synonyms: N-CoR; SMRT; SMRTe
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR231943 representing NM_001253904
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >MR231943 representing NM_001253904
 Red=Cloning site Green=Tags(s)

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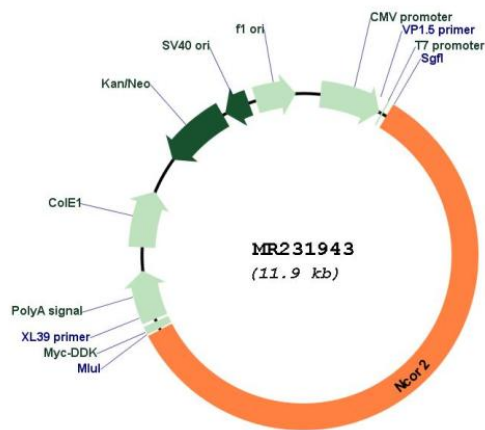
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM_001253904

ORF Size: 6996 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_001253904.1](#), [NP_001240833.1](#)

RefSeq Size: 8697 bp

RefSeq ORF: 6999 bp

Locus ID: 20602

UniProt ID: [Q9WU42](#)

Cytogenetics: 5 G1.1

MW: 254.3 kDa

Gene Summary: Transcriptional corepressor. Mediates the transcriptional repression activity of some nuclear receptors by promoting chromatin condensation, thus preventing access of the basal transcription. Isoform 1 and isoform 5 have different affinities for different nuclear receptors. Involved in the regulation BCL6-dependent of the germinal center (GC) reactions, mainly through the control of the GC B-cells proliferation and survival. Recruited by ZBTB7A to the androgen response elements/ARE on target genes, negatively regulates androgen receptor signaling and androgen-induced cell proliferation.[UniProtKB/Swiss-Prot Function]