

Product datasheet for SC331667

NCOR2 (NM_001206654) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NCOR2 (NM_001206654) Human Untagged Clone
Tag: Tag Free
Symbol: NCOR2
Synonyms: CTG26; N-CoR2; SMAP270; SMRT; SMRTE; SMRTE-tau; TNRC14; TRAC; TRAC-1; TRAC1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331667 representing NM_001206654.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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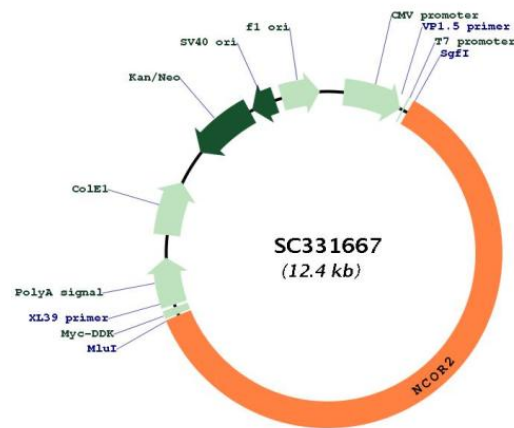
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Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN:

NM_001206654

Insert Size:

7515 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:	<ol style="list-style-type: none">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:	<u>NM_001206654.1</u>
RefSeq Size:	8827 bp
RefSeq ORF:	7515 bp
Locus ID:	9612
UniProt ID:	<u>Q9Y618</u>
Cytogenetics:	12q24.31
Protein Families:	Druggable Genome
Protein Pathways:	Notch signaling pathway
MW:	272.8 kDa
Gene Summary:	<p>This gene encodes a nuclear receptor co-repressor that mediates transcriptional silencing of certain target genes. The encoded protein is a member of a family of thyroid hormone- and retinoic acid receptor-associated co-repressors. This protein acts as part of a multisubunit complex which includes histone deacetylases to modify chromatin structure that prevents basal transcriptional activity of target genes. Aberrant expression of this gene is associated with certain cancers. Alternate splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Apr 2011]</p> <p>Transcript Variant: This variant (3) has multiple difference in the coding region, but maintains the reading frame, compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>