

Product datasheet for RC212165

NCOR2 (NM_001077261) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCOR2 (NM_001077261) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NCOR2
Synonyms:	CTG26; N-CoR2; SMAP270; SMRT; SMRTE; SMRTE-tau; TNRC14; TRAC; TRAC-1; TRAC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC212165 representing NM_001077261 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
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TCTCGCCCCGCGAGTCTCGCTGGCACTCAACTACGCTGCGGGTCCCCGAGGCATCATCGACCTGTCCCA
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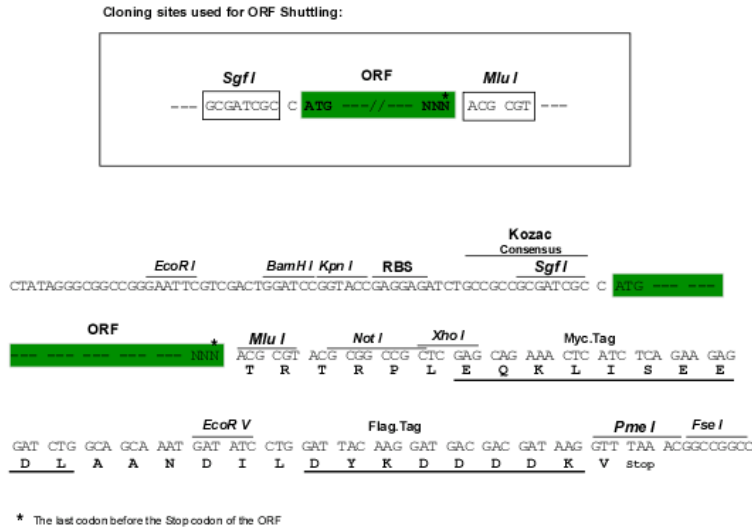
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Protein Sequence: >RC212165 representing NM_001077261
 Red=Cloning site Green=Tags(s)

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 EGDCNRRTPLTNRVWEDRPSSAGSTFPFNPLIMRLQAGVMASPPPPGLPAGSGPLAGPHHAWDEEPKPL
 LCSQYETLSDSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:


ACCN: NM_001077261

ORF Size: 7386 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001077261.2](#)

RefSeq Size: 8550 bp

RefSeq ORF: 7377 bp

Locus ID: 9612

UniProt ID: [Q9Y618](#)

Cytogenetics: 12q24.31

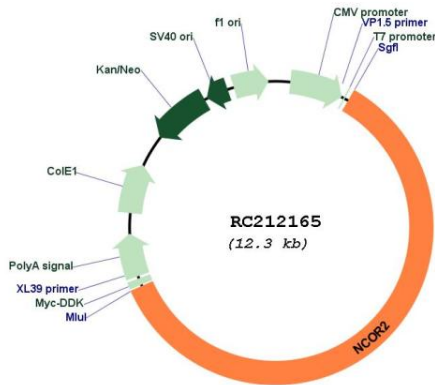
Protein Families: Druggable Genome

Protein Pathways: Notch signaling pathway

MW: 268.2 kDa

Gene Summary: 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]

Product images:



Circular map for RC212165