

# **Product datasheet for RC226691L3**

## OriGene Technologies, Inc.

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# NCOA4 (NM\_001145262) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: NCOA4 (NM\_001145262) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: NCOA4

Synonyms: ARA70; ELE1; PTC3; RFG

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

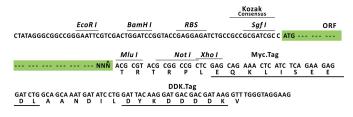
**ORF Nucleotide** The ORF insert of this clone is exactly the same as(RC226691).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





 $<sup>\</sup>ensuremath{^*}$  The last codon before the Stop codon of the ORF.

**ACCN:** NM\_001145262

ORF Size: 1842 bp





### NCOA4 (NM\_001145262) Human Tagged Lenti ORF Clone - RC226691L3

**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: <u>NM 001145262.1</u>, <u>NP 001138734.1</u>

 RefSeq Size:
 3588 bp

 RefSeq ORF:
 1845 bp

 Locus ID:
 8031

 UniProt ID:
 Q13772

Cytogenetics:

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Pathways in cancer, Thyroid cancer

10q11.22

**MW:** 69.7 kDa

**Gene Summary:** This gene encodes an androgen receptor coactivator. The encoded protein interacts with the

androgen receptor in a ligand-dependent manner to enhance its transcriptional activity. Chromosomal translocations between this gene and the ret tyrosine kinase gene, also located on chromosome 10, have been associated with papillary thyroid carcinoma. Alternatively

spliced transcript variants have been described. Pseudogenes are present on chromosomes

4, 5, 10, and 14. [provided by RefSeq, Feb 2009]