

## Product datasheet for **RC226676L4V**

### NCOA4 (NM\_001145261) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NCOA4 (NM_001145261) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NCOA4
Synonyms:	ARA70; ELE1; PTC3; RFG
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145261
ORF Size:	1890 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226676).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001145261.1</a> , <a href="#">NP_001138733.1</a>
RefSeq ORF:	1893 bp
Locus ID:	8031
UniProt ID:	<a href="#">Q13772</a>
Cytogenetics:	10q11.22
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Pathways in cancer, Thyroid cancer
MW:	71.2 kDa



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**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]