

## Product datasheet for RC230834L4V

## OriGene Technologies, Inc.

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## Thyroid Hormone Receptor alpha (THRA) (NM\_001190918) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

**Product Type:** Lentiviral Particles

Product Name: Thyroid Hormone Receptor alpha (THRA) (NM\_001190918) Human Tagged ORF Clone

Lentiviral Particle

Symbol: Thyroid Hormone Receptor alpha

Synonyms: AR7; c-ERBA-1; CHNG6; EAR7; ERB-T-1; ERBA; ERBA1; NR1A1; THRA1; THRA2; TRalpha

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_001190918

ORF Size: 1353 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC230834).

OTI Disclaimer:

Sequence:

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.

**RefSeq:** <u>NM 001190918.1</u>

 RefSeq ORF:
 1356 bp

 Locus ID:
 7067

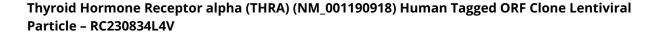
 UniProt ID:
 P10827

 Cytogenetics:
 17q21.1

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Protein Pathways:** Neuroactive ligand-receptor interaction







**MW:** 51.2 kDa

**Gene Summary:** The protein encoded by this gene is a nuclear hormone receptor for triiodothyronine. It is

one of the several receptors for thyroid hormone, and has been shown to mediate the biological activities of thyroid hormone. Knockout studies in mice suggest that the different receptors, while having certain extent of redundancy, may mediate different functions of thyroid hormone. Alternatively spliced transcript variants encoding distinct isoforms have

been reported. [provided by RefSeq, Jul 2008]