

Product datasheet for **RC203210L4V**

Thyroid Hormone Receptor alpha (THRA) (NM_199334) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Thyroid Hormone Receptor alpha (THRA) (NM_199334) Human Tagged ORF Clone Lentiviral Particle
Symbol:	THRA
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_199334
ORF Size:	1230 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203210).
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.
RefSeq:	NM_199334.3
RefSeq Size:	2400 bp
RefSeq ORF:	1233 bp
Locus ID:	7067
UniProt ID:	P10827
Cytogenetics:	17q21.1
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors



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Protein Pathways: Neuroactive ligand-receptor interaction

MW: 46.8 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]