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Product datasheet for RC200430L4V

Retinoic Acid Receptor alpha (RARA) (NM_000964) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Retinoic Acid Receptor alpha (RARA) (NM_000964) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Retinoic Acid Receptor alpha
Synonyms:	NR1B1; RAR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000964
ORF Size:	1386 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200430).
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_000964.2
RefSeq Size:	3260 bp
RefSeq ORF:	1389 bp
Locus ID:	5914
UniProt ID:	P10276
Cytogenetics:	17q21.2
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

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Protein Pathways:	Acute myeloid leukemia, Pathways in cancer
MW:	50.6 kDa
Gene Summary:	This gene represents a nuclear retinoic acid receptor. The encoded protein, retinoic acid receptor alpha, regulates transcription in a ligand-dependent manner. This gene has been implicated in regulation of development, differentiation, apoptosis, granulopoeisis, and transcription of clock genes. Translocations between this locus and several other loci have been associated with acute promyelocytic leukemia. Alternatively spliced transcript variants have been found for this locus.[provided by RefSeq, Sep 2010]

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