

Product datasheet for RC212687L4V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Retinoic Acid Receptor gamma (RARG) (NM_001042728) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Retinoic Acid Receptor gamma (RARG) (NM_001042728) Human Tagged ORF Clone Lentiviral

Particle

Symbol: Retinoic Acid Receptor gamma

Synonyms: NR1B3; RARC

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM 001042728

ORF Size: 1329 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC212687).

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: NM 001042728.1

 RefSeq Size:
 2740 bp

 RefSeq ORF:
 1332 bp

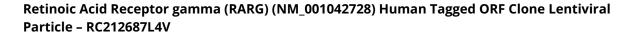
 Locus ID:
 5916

 UniProt ID:
 P13631

 Cytogenetics:
 12q13.13

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







MW: 49.1 kDa

Gene Summary: This gene encodes a retinoic acid receptor that belongs to the nuclear hormone receptor

family. Retinoic acid receptors (RARs) act as ligand-dependent transcriptional regulators. When bound to ligands, RARs activate transcription by binding as heterodimers to the retinoic acid response elements (RARE) found in the promoter regions of the target genes. In their unbound form, RARs repress transcription of their target genes. RARs are involved in various biological processes, including limb bud development, skeletal growth, and matrix homeostasis. Alternatively spliced transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Aug 2011]