**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

# Product datasheet for RC212687L3V

## 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 Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_001042728 |
| **ORF Size:** | 1329 bp |
| **ORF Nucleotide Sequence:** | `The ORF insert of this clone is exactly the same as(RC212687).` |
| **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_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 |

View online »

**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]