

Product datasheet for **RC218694L3V**

RARRES1 (NM_002888) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | RARRES1 (NM_002888) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RARRES1 |
| Synonyms: | LXNL; PERG-1; TIG1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_002888 |
| ORF Size: | 684 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC218694). |
| 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_002888.2 |
| RefSeq Size: | 886 bp |
| RefSeq ORF: | 687 bp |
| Locus ID: | 5918 |
| UniProt ID: | P49788 |
| Cytogenetics: | 3q25.32 |
| Protein Families: | Druggable Genome |
| MW: | 25.6 kDa |



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Gene Summary:

This gene was identified as a retinoid acid (RA) receptor-responsive gene. It encodes a type 1 membrane protein. The expression of this gene is upregulated by tazarotene as well as by retinoic acid receptors. The expression of this gene is found to be downregulated in prostate cancer, which is caused by the methylation of its promoter and CpG island. Alternatively spliced transcript variant encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]