

Product datasheet for **RC205143L4V**

RARRES1 (NM_206963) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RARRES1 (NM_206963) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RARRES1
Synonyms:	LXNL; PERG-1; TIG1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_206963
ORF Size:	882 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205143).
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_206963.1 , NP_996846.1
RefSeq Size:	1545 bp
RefSeq ORF:	885 bp
Locus ID:	5918
UniProt ID:	P49788
Cytogenetics:	3q25.32
Protein Families:	Druggable Genome
MW:	33.1 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]