

## Product datasheet for **RC202237L4V**

### NRL (NM\_006177) Human Tagged ORF Clone Lentiviral Particle

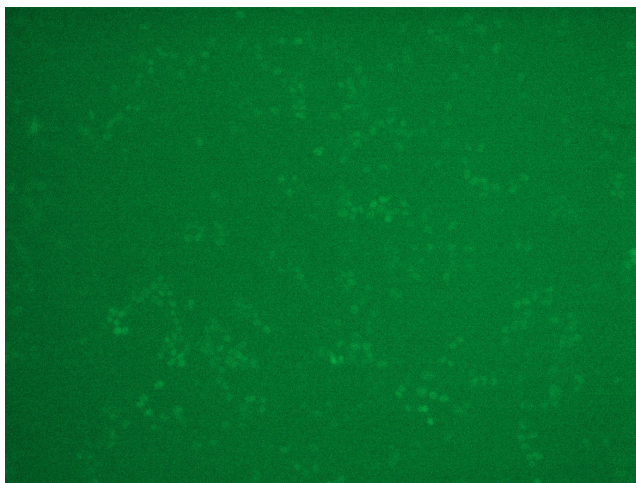
#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NRL (NM_006177) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NRL
Synonyms:	D14S46E; NRL-MAF; RP27
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006177
ORF Size:	711 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202237).
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. <a href="#">More info</a>
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:	<a href="#">NM_006177.2</a>
RefSeq Size:	1974 bp
RefSeq ORF:	714 bp
Locus ID:	4901
UniProt ID:	<a href="#">P54845</a>
Cytogenetics:	14q11.2-q12
Protein Families:	Druggable Genome, Transcription Factors
MW:	25.9 kDa


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**Gene Summary:**

This gene encodes a basic motif-leucine zipper transcription factor of the Maf subfamily. The encoded protein is conserved among vertebrates and is a critical intrinsic regulator of photoceptor development and function. Mutations in this gene have been associated with retinitis pigmentosa and retinal degenerative diseases. [provided by RefSeq, Jul 2008]

**Product images:**


[RC202237L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC202237L4V particle to overexpress human NRL-mGFP fusion protein.