

## Product datasheet for **RC208696L4V**

### PRR14 (NM\_024031) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PRR14 (NM_024031) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRR14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024031
ORF Size:	1755 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208696).
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_024031.2</a>
RefSeq Size:	2154 bp
RefSeq ORF:	1758 bp
Locus ID:	78994
UniProt ID:	<a href="#">Q9BWN1</a>
Cytogenetics:	16p11.2
MW:	64.3 kDa



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**Gene Summary:**

The protein encoded by this gene tethers heterochromatin to the nuclear laminar scaffold by binding heterochromatin protein 1 (HP1) and the nuclear lamina. The tether is broken during mitosis and reforms quickly after mitosis, with the encoded protein first binding HP1 and then attaching to the nuclear lamina. This protein also has been shown to promote MyoD activity and skeletal myogenesis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2016]