

## Product datasheet for **MR204612L4V**

### Peli2 (BC027062) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Peli2 (BC027062) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Peli2
Synonyms:	AW047589; BB129927
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC027062
ORF Size:	957 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204612).
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="#">BC027062.1</a>
RefSeq Size:	1732 bp
RefSeq ORF:	959 bp
Locus ID:	93834
Cytogenetics:	14 24.6 cM



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**Gene Summary:**

E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. Involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. Mediates IL1B-induced IRAK1 'Lys-63'-linked polyubiquitination and possibly 'Lys-48'-linked ubiquitination. May be important for LPS- and IL1B-induced MAP3K7-dependent, but not MAP3K3-dependent, NF-kappa-B activation. Can activate the MAP (mitogen activated protein) kinase pathway leading to activation of ELK1. [UniProtKB/Swiss-Prot Function]