

## Product datasheet for **MR208096L4V**

### **Pld4 (NM\_178911) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pld4 (NM_178911) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pld4
Synonyms:	A1132321; thss
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178911
ORF Size:	1509 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208096).
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_178911.4</a> , <a href="#">NP_849242.1</a>
RefSeq Size:	1978 bp
RefSeq ORF:	1512 bp
Locus ID:	104759
UniProt ID:	<a href="#">Q8BG07</a>
Cytogenetics:	12 F1



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**Gene Summary:**

5'->3' DNA exonuclease which digests single-stranded DNA (ssDNA) (PubMed:30111894). Regulates inflammatory cytokine responses via the degradation of nucleic acids, by reducing the concentration of ssDNA able to stimulate TLR9, a nucleotide-sensing receptor (PubMed:30111894). Involved in phagocytosis of activated microglia (PubMed:22102906). [UniProtKB/Swiss-Prot Function]