

## Product datasheet for **MR207500L4V**

### **Pdcd4 (NM\_001168491) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	Pdcd4
<b>Synonyms:</b>	D19Ucla1; Ma3; Tis
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_001168491
<b>ORF Size:</b>	1407 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(MR207500).

**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\\_001168491.1](#), [NP\\_001161963.1](#)

**RefSeq Size:** 2330 bp

**RefSeq ORF:** 1410 bp

**Locus ID:** 18569

**UniProt ID:** [Q61823](#)

**Cytogenetics:** 19 48.73 cM



**Gene Summary:**

Inhibits translation initiation and cap-dependent translation. May exert its function by hindering the interaction between EIF4A1 and EIF4G. Inhibits the helicase activity of EIF4A. Modulates the activation of JUN kinase. Down-regulates the expression of MAP4K1, thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent JUN-dependent transcription. May play a role in apoptosis. Tumor suppressor. Inhibits tumor promoter-induced neoplastic transformation. Binds RNA.[UniProtKB/Swiss-Prot Function]