

## Product datasheet for **RC200280L4V**

### IPP 2 (PPP1R2) (NM\_006241) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	IPP 2 (PPP1R2) (NM_006241) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IPP 2
Synonyms:	IPP-2; IPP2; PPP1R2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006241
ORF Size:	615 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200280).
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_006241.3</a>
RefSeq Size:	3468 bp
RefSeq ORF:	618 bp
Locus ID:	5504
UniProt ID:	<a href="#">P41236</a>
Cytogenetics:	3q29
Domains:	IPP-2
Protein Families:	Druggable Genome



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**MW:** 23 kDa

**Gene Summary:** Protein phosphatase-1 (PP1) is one of the main eukaryotic serine/threonine phosphatases. The protein encoded by this gene binds to the catalytic subunit of PP1, strongly inhibiting its activity. Ten related pseudogenes have been found throughout the human genome. Several splice variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]