

## Product datasheet for **RC205079L4V**

### Prostatic Acid Phosphatase (ACPP) (NM\_001099) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Prostatic Acid Phosphatase (ACPP) (NM_001099) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Prostatic Acid Phosphatase
Synonyms:	5'-NT; ACP-3; ACP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001099
ORF Size:	1158 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205079).
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_001099.2</a>
RefSeq Size:	3089 bp
RefSeq ORF:	1161 bp
Locus ID:	55
UniProt ID:	<a href="#">P15309</a>
Cytogenetics:	3q22.1
Domains:	acid_phosphat
Protein Families:	Druggable Genome, Phosphatase, Transmembrane



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**Protein Pathways:** Riboflavin metabolism

**MW:** 44.54 kDa

**Gene Summary:** This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isoform has been found for this gene. This isoform contains a transmembrane domain and is localized in the plasma membrane-endosomal-lysosomal pathway. [provided by RefSeq, Sep 2008]