

## Product datasheet for **RC220923L4V**

### ACPT (ACP4) (NM\_033068) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ACPT (ACP4) (NM_033068) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ACP4
Synonyms:	ACPT; A11J
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033068
ORF Size:	1278 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220923).
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_033068.2</a>
RefSeq Size:	1347 bp
RefSeq ORF:	1281 bp
Locus ID:	93650
UniProt ID:	<a href="#">Q9BZG2</a>
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Riboflavin metabolism



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**MW:** 43.1 kDa

**Gene Summary:** Acid phosphatases are enzymes capable of hydrolyzing orthophosphoric acid esters in an acid medium. This gene is up-regulated by androgens and is down-regulated by estrogens in the prostate cancer cell line. This gene exhibits a lower level of expression in testicular cancer tissues than in normal tissues. The protein encoded by this gene has structural similarity to prostatic and lysosomal acid phosphatases. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]