

Product datasheet for **RC228313L4V**

CPA4 (NM_001163446) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	CPA4
Synonyms:	CPA3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001163446
ORF Size:	1164 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC228313).

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_001163446.1](#), [NP_001156918.1](#)

RefSeq ORF: 1167 bp

Locus ID: 51200

UniProt ID: [Q9UI42](#)

Cytogenetics: 7q32.2

Protein Families: Druggable Genome, Protease, Secreted Protein



MW: 43.57 kDa

Gene Summary: This gene is a member of the carboxypeptidase A/B subfamily, and it is located in a cluster with three other family members on chromosome 7. Carboxypeptidases are zinc-containing exopeptidases that catalyze the release of carboxy-terminal amino acids, and are synthesized as zymogens that are activated by proteolytic cleavage. This gene could be involved in the histone hyperacetylation pathway. It is imprinted and may be a strong candidate gene for prostate cancer aggressiveness. [provided by RefSeq, Jul 2008]