Product datasheet for RC208575L2V

CPA4 (NM_016352) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CPA4 (NM_016352) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CPA4
Synonyms:	CPA3
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_016352
ORF Size:	1263 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208575).
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_016352.2
RefSeq Size:	2817 bp
RefSeq ORF:	1266 bp
Locus ID:	51200
UniProt ID:	Q9UI42
Cytogenetics:	7q32.2
Domains:	Zn_carbOpept, Propep_M14
Protein Families:	Druggable Genome, Protease, Secreted Protein

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MW: 47.4 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]