

Product datasheet for **RC207491L4V**

CPA6 (NM_020361) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CPA6 (NM_020361) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CPA6
Synonyms:	CPAH; ETL5; FEB11
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020361
ORF Size:	1311 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207491).
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_020361.2
RefSeq Size:	1907 bp
RefSeq ORF:	1314 bp
Locus ID:	57094
UniProt ID:	Q8N4T0
Cytogenetics:	8q13.2
Protein Families:	Protease, Secreted Protein
MW:	51 kDa



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Gene Summary:

The gene encodes a member of the peptidase M14 family of metalloproteases. The encoded preproprotein is proteolytically processed to generate the mature enzyme, which catalyzes the release of large hydrophobic C-terminal amino acids. This enzyme has functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Mutations in this gene may be linked to epilepsy and febrile seizures, and a translocation t(6;8)(q26;q13) involving this gene has been associated with Duane retraction syndrome. [provided by RefSeq, May 2016]