

Product datasheet for **RC214622L4V**

PPM1E (NM_014906) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPM1E (NM_014906) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPM1E
Synonyms:	caMKN; CaMKP-N; CAMKPN; POPX1; PP2CH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014906
ORF Size:	2265 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214622).
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_014906.4
RefSeq Size:	6545 bp
RefSeq ORF:	2268 bp
Locus ID:	22843
UniProt ID:	Q8WY54
Cytogenetics:	17q22
Domains:	PP2C
Protein Families:	Druggable Genome, Phosphatase



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MW: 84.4 kDa

Gene Summary: This gene encodes a member of the PPM family of serine/threonine-protein phosphatases. The encoded protein is localized to the nucleus and dephosphorylates and inactivates multiple substrates including serine/threonine-protein kinase PAK 1, 5'-AMP-activated protein kinase (AMPK) and the multifunctional calcium/calmodulin-dependent protein kinases. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, May 2012]