

## Product datasheet for **RC211899L1V**

### **PPEF2 (NM\_006239) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	PPEF2 (NM_006239) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPEF2
Synonyms:	PPP7CB
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_006239
ORF Size:	2259 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211899).
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_006239.2</a>
RefSeq Size:	3430 bp
RefSeq ORF:	2262 bp
Locus ID:	5470
UniProt ID:	<a href="#">O14830</a>
Cytogenetics:	4q21.1
Domains:	IQ, EFh, Metallophos, PP2Ac
Protein Families:	Druggable Genome



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**MW:** 86.3 kDa

**Gene Summary:** This gene encodes a member of the serine/threonine protein phosphatase with EF-hand motif family. The protein contains a protein phosphatase catalytic domain, and at least two EF-hand calcium-binding motifs in its C terminus. Although its substrate(s) is unknown, the encoded protein, which is expressed specifically in photoreceptors and the pineal, has been suggested to play a role in the visual system. This gene shares high sequence similarity with the Drosophila retinal degeneration C (rdgC) gene. [provided by RefSeq, Jul 2008]