

Product datasheet for **RC217495L4V**

PPTC7 (NM_139283) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PPTC7 (NM_139283) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PPTC7
Synonyms:	TA-PP2C; TAPP2C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_139283
ORF Size:	912 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217495).
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_139283.1
RefSeq Size:	3748 bp
RefSeq ORF:	915 bp
Locus ID:	160760
UniProt ID:	Q8NI37
Cytogenetics:	12q24.11
Protein Families:	Druggable Genome, Phosphatase
MW:	32.5 kDa



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Gene Summary:

Protein phosphatase which positively regulates biosynthesis of the ubiquinone, coenzyme Q (PubMed:30267671). Dephosphorylates the ubiquinone biosynthesis protein COQ7 which is likely to lead to its activation (PubMed:30267671).[UniProtKB/Swiss-Prot Function]