

Product datasheet for **RC203796L3V**

PCP4 (NM_006198) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PCP4 (NM_006198) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCP4
Synonyms:	PEP-19
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006198
ORF Size:	186 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203796).
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_006198.2
RefSeq Size:	566 bp
RefSeq ORF:	189 bp
Locus ID:	5121
UniProt ID:	P48539
Cytogenetics:	21q22.2
MW:	6.8 kDa


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Gene Summary:

Functions as a modulator of calcium-binding by calmodulin. Thereby, regulates calmodulin activity and the different processes it controls (PubMed:19106096, PubMed:23204517, PubMed:27876793). For instance, may play a role in neuronal differentiation through activation of calmodulin-dependent kinase signaling pathways (PubMed:21491429). [UniProtKB/Swiss-Prot Function]