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Product datasheet for RC217017L4V

PMPCA (NM_015160) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PMPCA (NM_015160) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PMPCA
Synonyms:	Alpha-MPP; CLA1; CPD3; INPP5E; MAS2; P-55; SCAR2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015160
ORF Size:	1575 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC217017).`
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_015160.1
RefSeq Size:	2097 bp
RefSeq ORF:	1578 bp
Locus ID:	23203
UniProt ID:	Q10713
Cytogenetics:	9q34.3
Domains:	Peptidase_M16, Peptidase_M16_C
Protein Families:	Druggable Genome, Protease

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MW: 58.1 kDa

Gene Summary: The protein encoded by this gene is found in the mitochondrion, where it represents the alpha subunit of a proteolytic heterodimer. This heterodimer is responsible for cleaving the transit peptide from nuclear-encoded mitochondrial proteins. Defects in this gene are a cause of spinocerebellar ataxia, autosomal recessive 2. [provided by RefSeq, Mar 2016]