

Product datasheet for **RC209393L4V**

Pyrophosphatase 1 (PPA1) (NM_021129) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pyrophosphatase 1 (PPA1) (NM_021129) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Pyrophosphatase 1
Synonyms:	HEL-S-66p; IOPPP; PP; PP1; SID6-8061
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021129
ORF Size:	867 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209393).
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_021129.3
RefSeq Size:	1316 bp
RefSeq ORF:	870 bp
Locus ID:	5464
UniProt ID:	Q15181
Cytogenetics:	10q22.1
Domains:	Pyrophosphatase
Protein Families:	ES Cell Differentiation/IPS



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Protein Pathways: Oxidative phosphorylation

MW: 32.7 kDa

Gene Summary: The protein encoded by this gene is a member of the inorganic pyrophosphatase (PPase) family. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Studies of a similar protein in bovine suggested a cytoplasmic localization of this enzyme. [provided by RefSeq, Jul 2008]