

Product datasheet for **MR210441L4V**

Ptpdc1 (NM_207232) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ptpdc1 (NM_207232) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ptpdc1
Synonyms:	AI843923; AW456874; Naa-1; Ptpcd1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_207232
ORF Size:	2241 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210441).
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_207232.2 , NP_997115.1
RefSeq Size:	4429 bp
RefSeq ORF:	2244 bp
Locus ID:	218232
UniProt ID:	Q6NZK8
Cytogenetics:	13 A5



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Gene Summary:

The protein encoded by this gene is a centrosomal mitotic phosphatase. This protein has been implicated in centrosomal duplication and cytokinesis. In addition, knockdown of expression levels in non-cycling cells results in extra long cilia, suggesting that this protein may function in regulating cilia length independent of a function in cell cycle control. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2014]