

## Product datasheet for **MR225303L3V**

### **Ptp4a3 (NM\_008975) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Ptp4a3 (NM_008975) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ptp4a3
Synonyms:	AV088979; pPtp4a3; Prl-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008975
ORF Size:	522 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225303).
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. <a href="#">More info</a>
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:	<a href="#">NM_008975.3</a> , <a href="#">NP_033001.2</a>
RefSeq Size:	3608 bp
RefSeq ORF:	522 bp
Locus ID:	19245
UniProt ID:	<a href="#">Q9D658</a>
Cytogenetics:	15 D3



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**Gene Summary:**

Protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. Enhances cell proliferation, cell motility and invasive activity, and promotes cancer metastasis. May be involved in the progression of cardiac hypertrophy by inhibiting intracellular calcium mobilization in response to angiotensin II.[UniProtKB/Swiss-Prot Function]