

## OriGene Technologies, Inc.

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## Product datasheet for MR217035L4V

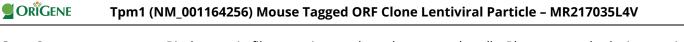
## Tpm1 (NM\_001164256) Mouse Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Tpm1 (NM_001164256) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tpm1
Synonyms:	AA986836; Al854628; alpha-TM; TM2; Tm3; Tmpa; Tpm-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164256
ORF Size:	735 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217035).
	The molecular sequence of this clone aligns with the gene accession number as a point of
OTI Disclaimer:	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. <u>More info</u>
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Gene Summary: Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.[UniProtKB/Swiss-Prot Function]

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