

## Product datasheet for **RC201488L4V**

### **TMEM33 (NM\_018126) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TMEM33 (NM_018126) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMEM33
Synonyms:	1600019D15Rik; Pom33; SHINC-3; SHINC3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018126
ORF Size:	741 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201488).
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_018126.1</a>
RefSeq Size:	2684 bp
RefSeq ORF:	744 bp
Locus ID:	55161
UniProt ID:	<a href="#">P57088</a>
Cytogenetics:	4p13
Domains:	UPF0121
Protein Families:	Transmembrane



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**MW:** 27.8 kDa

**Gene Summary:** Acts as a regulator of the tubular endoplasmic reticulum (ER) network. Suppresses the RTN3/4-induced formation of the ER tubules (PubMed:25612671). Positively regulates PERK-mediated and IRE1-mediated unfolded protein response signaling (PubMed:26268696). [UniProtKB/Swiss-Prot Function]