

## Product datasheet for **RC225374L4V**

### **TMEM106B (NM\_001134232) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TMEM106B (NM_001134232) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMEM106B
Synonyms:	HLD16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001134232
ORF Size:	822 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225374).
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_001134232.1</a>
RefSeq Size:	6320 bp
RefSeq ORF:	825 bp
Locus ID:	54664
UniProt ID:	<a href="#">Q9NUM4</a>
Cytogenetics:	7p21.3
Protein Families:	Transmembrane
MW:	31.1 kDa



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**Gene Summary:**

Involved in dendrite morphogenesis and maintenance by regulating lysosomal trafficking via its interaction with MAP6. May act by inhibiting retrograde transport of lysosomes along dendrites. Required for dendrite branching.[UniProtKB/Swiss-Prot Function]