

## Product datasheet for **RC212590L4V**

### **TMEM231 (NM\_001077418) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TMEM231 (NM_001077418) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMEM231
Synonyms:	ALYE870; JBTS20; MKS11; PRO1886
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001077418
ORF Size:	948 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212590).
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_001077418.1</a>
RefSeq Size:	2911 bp
RefSeq ORF:	951 bp
Locus ID:	79583
UniProt ID:	<a href="#">Q9H6L2</a>
Cytogenetics:	16q23.1
Protein Families:	Transmembrane
MW:	35.9 kDa


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**Gene Summary:**

This gene encodes a transmembrane protein, which is a component of the B9 complex involved in the formation of the diffusion barrier between the cilia and plasma membrane. Mutations in this gene cause Joubert syndrome (JBTS). Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2013]