

## Product datasheet for **RC200579L3V**

### **TMP21 (TMED10) (NM\_006827) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TMP21 (TMED10) (NM_006827) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMP21
Synonyms:	p23; P24(DELTA); p24d1; S31I125; S31III125; Tmp-21-I; TMP21
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006827
ORF Size:	657 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200579).
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_006827.4</a>
RefSeq Size:	4163 bp
RefSeq ORF:	660 bp
Locus ID:	10972
UniProt ID:	<a href="#">P49755</a>
Cytogenetics:	14q24.3
Domains:	EMP24_GP25L
Protein Families:	Transmembrane



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**MW:** 25 kDa

**Gene Summary:** This gene is a member of the EMP24/GP25L/p24 family and encodes a protein with a GOLD domain. This type I membrane protein is localized to the plasma membrane and golgi cisternae and is involved in vesicular protein trafficking. The protein is also a member of a heteromeric secretase complex and regulates the complex's gamma-secretase activity without affecting its epsilon-secretase activity. Mutations in this gene have been associated with early-onset familial Alzheimer's disease. This gene has a pseudogene on chromosome 8. [provided by RefSeq, Jul 2008]