

## Product datasheet for **RC209754L4V**

### TMED5 (NM\_016040) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TMED5 (NM_016040) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMED5
Synonyms:	CGI-100; p24g2; p28
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016040
ORF Size:	687 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209754).
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_016040.3</a> , <a href="#">NP_057124.2</a>
RefSeq Size:	6083 bp
RefSeq ORF:	690 bp
Locus ID:	50999
UniProt ID:	<a href="#">Q9Y3A6</a>
Cytogenetics:	1p22.1
Domains:	EMP24_GP25L
Protein Families:	Transmembrane



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**MW:** 26 kDa

**Gene Summary:** Potential role in vesicular protein trafficking, mainly in the early secretory pathway. Required for the maintenance of the Golgi apparatus; involved in protein exchange between Golgi stacks during assembly. Probably not required for COPI-vesicle-mediated retrograde transport.[UniProtKB/Swiss-Prot Function]