

Product datasheet for **MR202697L4V**

Tmed4 (NM_134020) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tmed4 (NM_134020) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tmed4
Synonyms:	1110014L17Rik; AI326346
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_134020
ORF Size:	684 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202697).
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. More info
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:	NM_134020.1 , NP_598781.1
RefSeq Size:	1645 bp
RefSeq ORF:	684 bp
Locus ID:	103694
UniProt ID:	Q8R1V4
Cytogenetics:	11 A1



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Gene Summary:

Involved in vesicular protein trafficking, mainly in the early secretory pathway. Involved in the maintenance of the Golgi apparatus. Appears to play a role in the biosynthesis of secreted cargo including processing. Involved in endoplasmic reticulum stress response. May play a role in the regulation of heat-shock response and apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]