

OriGene Technologies, Inc.

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Product datasheet for MR202343L3V

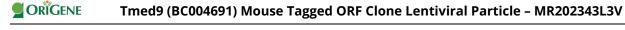
Tmed9 (BC004691) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tmed9 (BC004691) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tmed9
Synonyms:	2400003B06Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC004691
ORF Size:	642 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202343).
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. <u>More info</u>
OTI Annotation:	
on Annotation.	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	
	varies depending on the nature of the gene.
RefSeq:	varies depending on the nature of the gene. <u>BC004691</u> , <u>AAH04691</u>
RefSeq: RefSeq Size:	varies depending on the nature of the gene. <u>BC004691</u> , <u>AAH04691</u> 1405 bp



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Gene Summary:Appears to be involved in vesicular protein trafficking, mainly in the early secretory pathway.
In COPI vesicle-mediated retrograde transport involved in the coatomer recruitment to
membranes of the early secretory pathway. Increases coatomer-dependent activity of
ARFGAP2. Thought to play a crucial role in the specific retention of p24 complexes in cis-Golgi
membranes; specifically contributes to the coupled localization of TMED2 and TMED10 in the
cis-Golgi network. May be involved in organization of intracellular membranes, such as of the
ER-Golgi intermediate compartment and the Golgi apparatus. Involved in ER localization of
PTPN2 (By similarity).[UniProtKB/Swiss-Prot Function]

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