

Product datasheet for **MR216478L4V**

Sec16b (NM_033354) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sec16b (NM_033354) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sec16b
Synonyms:	Lztr2; Rgpr; Rgpr-p117
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033354
ORF Size:	3153 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216478).
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_033354.3 , NP_203505.3
RefSeq Size:	4611 bp
RefSeq ORF:	3156 bp
Locus ID:	89867
UniProt ID:	Q91XT4
Cytogenetics:	1 H1



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Gene Summary:

Plays a role in the organization of the endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER). Required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus. Involved in peroxisome biogenesis. Regulates the transport of peroxisomal biogenesis factors PEX3 and PEX16 from the ER to peroxisomes. [UniProtKB/Swiss-Prot Function]