

Product datasheet for **MR201166L4V**

Prelid1 (BC024813) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Prelid1 (BC024813) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Prelid1
Synonyms:	2610524G07Rik; Preli
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC024813
ORF Size:	470 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201166).
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:	BC024813 , AAH24813
RefSeq Size:	899 bp
RefSeq ORF:	470 bp
Locus ID:	66494
Cytogenetics:	13 B1



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Gene Summary:

Involved in the modulation of the mitochondrial apoptotic pathway by ensuring the accumulation of cardiolipin (CL) in mitochondrial membranes. In vitro, the TRIAP1:PRELID1 complex mediates the transfer of phosphatidic acid (PA) between liposomes and probably functions as a PA transporter across the mitochondrion intermembrane space to provide PA for CL synthesis in the inner membrane. Regulates the mitochondrial apoptotic pathway in primary Th cells. Regulates Th cell differentiation by down-regulating STAT6 thereby reducing IL-4-induced Th2 cell number. May be important for the development of vital and immunocompetent organs (By similarity).[UniProtKB/Swiss-Prot Function]