

Product datasheet for **RC218122L2V**

MLIP (NM_138569) Human Tagged ORF Clone Lentiviral Particle

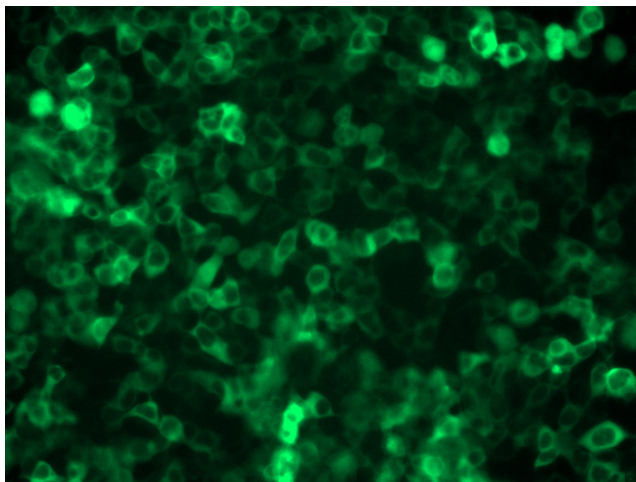
Product data:

Product Type:	Lentiviral Particles
Product Name:	MLIP (NM_138569) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MLIP
Synonyms:	C6orf142; CIP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_138569
ORF Size:	1374 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218122).
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_138569.1 , NP_612636.2
RefSeq Size:	1740 bp
RefSeq ORF:	1377 bp
Locus ID:	90523
UniProt ID:	Q5VWP3
Cytogenetics:	6p12.1
MW:	50.2 kDa


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Gene Summary:

Required for precocious cardiac adaptation to stress through integrated regulation of the AKT/mTOR pathways and FOXO1. Regulates cardiac homeostasis and plays an important role in protection against cardiac hypertrophy. Acts as a transcriptional cofactor, represses transactivator activity of ISL1 and MYOCD.[UniProtKB/Swiss-Prot Function]

Product images:


[RC218122L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC218122L2V particle to overexpress human MLIP-mGFP fusion protein.