

Product datasheet for MR214422L4V

OriGene Technologies, Inc.

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Mlip (NM_027150) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Mlip (NM_027150) Mouse Tagged ORF Clone Lentiviral Particle

Symbol: Mlip

Synonyms: 2310046A06Rik; Al931782; CIP

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_027150

ORF Size: 807 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(MR214422).

Sequence:

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

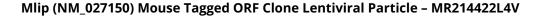
varies depending on the nature of the gene.

RefSeg: NM 027150.1, NP 081426.1

RefSeq Size: 1224 bp
RefSeq ORF: 810 bp
Locus ID: 69642
UniProt ID: Q5FW52

Cytogenetics: 9 D







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 (PubMed:26359501, PubMed:22343712, PubMed:26436652). Acts as a transcriptional cofactor, represses transactivator activity of ISL1 and MYOCD (PubMed:22343712).[UniProtKB/Swiss-Prot Function]