

## Product datasheet for RC209055L2V

## OriGene Technologies, Inc.

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## LIS1 (PAFAH1B1) (NM\_000430) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: LIS1 (PAFAH1B1) (NM\_000430) Human Tagged ORF Clone Lentiviral Particle

Symbol: LIS1

Synonyms: LIS1; LIS2; MDCR; MDS; NudF; PAFAH

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_000430 **ORF Size:** 1230 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC209055).

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 000430.2

 RefSeq Size:
 5581 bp

 RefSeq ORF:
 1233 bp

 Locus ID:
 5048

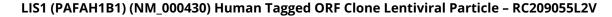
 UniProt ID:
 P43034

 Cytogenetics:
 17p13.3

**Domains:** WD40, LisH

**Protein Pathways:** Ether lipid metabolism, Metabolic pathways





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**MW:** 46.5 kDa

Gene Summary: This

This locus was identified as encoding a gene that when mutated or lost caused the lissencephaly associated with Miller-Dieker lissencephaly syndrome. This gene encodes the non-catalytic alpha subunit of the intracellular lb isoform of platelet-activating factor acteylhydrolase, a heterotrimeric enzyme that specifically catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glyceryl-3-phosphorylcholine). Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist: one composed of multiple subunits, the other, a single subunit. In addition, a single-subunit isoform of this enzyme is found in serum. [provided by RefSeq, Apr 2009]