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Product datasheet for RC209055L4V

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:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000430
ORF Size:	1230 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209055).`
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_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 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 Ib 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]