

## Product datasheet for **RC201637L4V**

### Lysosomal acid lipase (LIPA) (NM\_000235) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Lysosomal acid lipase (LIPA) (NM_000235) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Lysosomal acid lipase
Synonyms:	CESD; LAL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000235
ORF Size:	1197 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201637).
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. <a href="#">More info</a>
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:	<a href="#">NM_000235.2</a>
RefSeq Size:	2775 bp
RefSeq ORF:	1200 bp
Locus ID:	3988
UniProt ID:	<a href="#">P38571</a>
Cytogenetics:	10q23.31
Domains:	abhydrolase, abhydro_lipase
Protein Families:	Druggable Genome


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**Protein Pathways:** Lysosome, Steroid biosynthesis

**MW:** 45.4 kDa

**Gene Summary:** This gene encodes lipase A, the lysosomal acid lipase (also known as cholesterol ester hydrolase). This enzyme functions in the lysosome to catalyze the hydrolysis of cholesteryl esters and triglycerides. Mutations in this gene can result in Wolman disease and cholesteryl ester storage disease. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2014]