

## Product datasheet for **RC209729L4V**

### Hormone sensitive lipase (LIPE) (NM\_005357) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Hormone sensitive lipase (LIPE) (NM_005357) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Hormone sensitive lipase
Synonyms:	AOMS4; FPLD6; HSL; LHS; REH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005357
ORF Size:	3228 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209729).
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_005357.2</a>
RefSeq Size:	3829 bp
RefSeq ORF:	3231 bp
Locus ID:	3991
UniProt ID:	<a href="#">Q05469</a>
Cytogenetics:	19q13.2
Protein Pathways:	Insulin signaling pathway
MW:	116.6 kDa



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**Gene Summary:**

The protein encoded by this gene has a long and a short form, generated by use of alternative translational start codons. The long form is expressed in steroidogenic tissues such as testis, where it converts cholesteryl esters to free cholesterol for steroid hormone production. The short form is expressed in adipose tissue, among others, where it hydrolyzes stored triglycerides to free fatty acids. [provided by RefSeq, Jul 2008]