

OriGene Technologies, Inc.

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Product datasheet for RC209729L1V

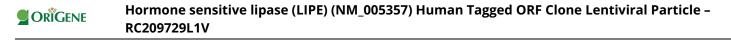
Hormone sensitive lipase (LIPE) (NM_005357) Human Tagged ORF Clone Lentiviral Particle

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: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| 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. <u>More info</u> |
| 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: | <u>NM 005357.2</u> |
| RefSeq Size: | 3829 bp |
| RefSeq ORF: | 3231 bp |
| Locus ID: | 3991 |
| UniProt ID: | <u>Q05469</u> |
| 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]

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