

## Product datasheet for **RC209516L2V**

### Lactate Dehydrogenase C (LDHC) (NM\_002301) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Lactate Dehydrogenase C (LDHC) (NM_002301) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Lactate Dehydrogenase C  |
| Synonyms:                 | CT32; LDH3; LDHX   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_002301  |
| ORF Size:                 | 996 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC209516).   |
| 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_002301.2</a>  |
| RefSeq Size:              | 1278 bp  |
| RefSeq ORF:               | 999 bp   |
| Locus ID:                 | 3948   |
| UniProt ID:               | <a href="#">P07864</a>   |
| Cytogenetics:             | 11p15.1  |
| Protein Pathways:         | Cysteine and methionine metabolism, Glycolysis / Gluconeogenesis, Metabolic pathways, Propanoate metabolism, Pyruvate metabolism   |



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**MW:** 36.1 kDa

**Gene Summary:** Lactate dehydrogenase C catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. LDHC is testis-specific and belongs to the lactate dehydrogenase family. Two transcript variants have been detected which differ in the 5' untranslated region. [provided by RefSeq, Jul 2008]