

## Product datasheet for **RC222613L4V**

### LDHD (NM\_194436) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LDHD (NM_194436) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LDHD
Synonyms:	DLACD; DLD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_194436
ORF Size:	1452 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222613).
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_194436.1</a>
RefSeq Size:	2022 bp
RefSeq ORF:	1455 bp
Locus ID:	197257
UniProt ID:	<a href="#">Q86WU2</a>
Cytogenetics:	16q23.1
Protein Pathways:	Pyruvate metabolism
MW:	50 kDa



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**Gene Summary:**

The protein encoded by this gene belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. The similar protein in yeast has both D-lactate and D-glycerate dehydrogenase activities. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]