

## Product datasheet for **RC217631L1V**

### L2HGDH (NM\_024884) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

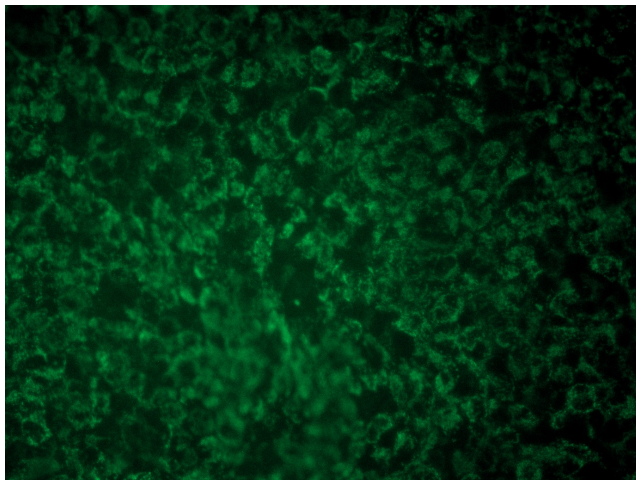
Product Type:	Lentiviral Particles
Product Name:	L2HGDH (NM_024884) Human Tagged ORF Clone Lentiviral Particle
Symbol:	L2HGDH
Synonyms:	C14orf160; L2HGA
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_024884
ORF Size:	1389 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217631).
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_024884.1</a>
RefSeq Size:	2064 bp
RefSeq ORF:	1392 bp
Locus ID:	79944
UniProt ID:	<a href="#">Q9H9P8</a>
Cytogenetics:	14q21.3
Protein Pathways:	Butanoate metabolism
MW:	45.2 kDa



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**Gene Summary:**

This gene encodes L-2-hydroxyglutarate dehydrogenase, a FAD-dependent enzyme that oxidizes L-2-hydroxyglutarate to alpha-ketoglutarate in a variety of mammalian tissues. Mutations in this gene cause L-2-hydroxyglutaric aciduria, a rare autosomal recessive neurometabolic disorder resulting in moderate to severe cognitive disability. [provided by RefSeq, Jul 2008]

**Product images:**

[RC217631L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC217631L1V particle to overexpress human L2HGDH-Myc-DDK fusion protein.