

Product datasheet for **MR227451L4V**

Ldha (NM_001136069) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ldha (NM_001136069) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ldha
Synonyms:	I7; I7R2; LDH; Ldh-; Ldh1; Ldhm
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001136069
ORF Size:	1083 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227451).
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. More info
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:	NM_001136069.2 , NP_001129541.2
RefSeq Size:	1854 bp
RefSeq ORF:	1086 bp
Locus ID:	16828
Cytogenetics:	7 30.6 cM



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Gene Summary:

The protein encoded by this gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to hemolytic anemia and early postimplantation death in mice. Multiple transcript variants encoding different isoforms have been found for this gene. The mouse genome contains multiple pseudogenes of this gene. [provided by RefSeq, May 2013]