

## Product datasheet for **KN209378RB**

### LDHA Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	LDHA
Locus ID:	3939
Components:	<b>KN209378G1</b> , LDHA gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN209378G2</b> , LDHA gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN209378RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	<a href="#">NM_001135239</a> , <a href="#">NM_001165414</a> , <a href="#">NM_001165415</a> , <a href="#">NM_001165416</a> , <a href="#">NM_005566</a> , <a href="#">NR_028500</a>
UniProt ID:	<a href="#">P00338</a>
Synonyms:	GSD11; HEL-S-133P; LDHM; PIG19
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 exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene. [provided by RefSeq, Sep 2008]



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## Product images:

