

Product datasheet for **KN209378BN**

LDHA Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	LDHA
Locus ID:	3939
Components:	<p>KN209378G1, LDHA gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN209378G2, LDHA gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN209378BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001135239 , NM_001165414 , NM_001165415 , NM_001165416 , NM_005566 , NR_028500
UniProt ID:	P00338
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:

