

Recombinant Human LDHD cell lysate

Cat. No. LDHD-979HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	LDHD lactate dehydrogenase D [Homo sapiens]
Official Symbol	LDHD
Synonyms	LDHD; lactate dehydrogenase D; probable D-lactate dehydrogenase, mitochondrial; D-lactate dehydrogenase; DLD; MGC57726;
Gene ID	197257

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mRNA Refseq	NM_153486
Protein Refseq	NP_705690
MIM	607490
UniProt ID	Q86WU2
Chromosome Location	16q22.3
Pathway	Metabolism of proteins, organism-specific biosystem; Mitochondrial Protein Import, organism-specific biosystem; Pyruvate metabolism, organism-specific biosystem; Pyruvate metabolism, conserved biosystem; methylglyoxal degradation VI, organism-specific biosystem; methylglyoxal degradation VI, conserved biosystem;
Function	D-lactate dehydrogenase (cytochrome) activity; UDP-N-acetylmuramate dehydrogenase activity; flavin adenine dinucleotide binding; oxidoreductase activity, acting on CH-OH group of donors; protein binding;