

Recombinant Human LDHD Protein, His-tagged

Cat. No. LDHD-536H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LDHD Protein(159-507 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	159-507 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GADASLCGMAATGASGTNAVRYGTMRDNLNLEVLPDGRLLHTAGRGRHFRFGF WPEIPHHTAWYSPCVSLGRRKSAAGYNLTGLFVGSEGTGLITATTLRLHPAPEATV AATCAFPSVQAAVDSTVHILQAAVPVARIEFLDEVMMDACNRYSKLNCLVAPTFLFLEF HGSQQALEEQLQRTEEIVQQNGASDFSWAKEAEERSRLWTARHNAWYAALATRPG CKGYSTDVCVPISRLPEIVVQTKEDLNASGLTGSIVGHVGDGNFHCILLVNPDDAEEL GRVKAFAEQLGRRALALHGTCTGEHGIGMGKRQLLQEEVGAVGVETMRQLKAVLD PQGLMNP GKVL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name LDHD lactate dehydrogenase D [Homo sapiens (human)]

Official Symbol LDHD

Synonyms LDHD; lactate dehydrogenase D; DLD; probable D-lactate dehydrogenase, mitochondrial; D-lactate dehydrogenase

Gene ID 197257

mRNA Refseq NM_153486

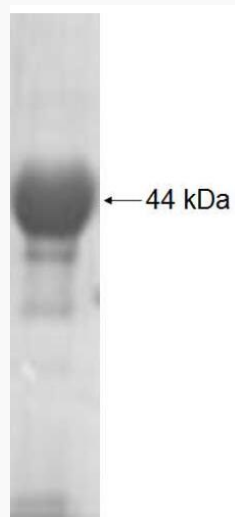
Protein Refseq NP_705690

UniProt ID Q86WU2

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SDS-PAGE

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