

Product datasheet for **TP504898**

Ldha (NM_010699) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse lactate dehydrogenase A (Ldha), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR204898 representing NM_010699
Red=Cloning site **Green**=Tags(s)

MATLKDQLIVNLLKKEEQAPQNKITVGVGAVGMACAISILMKDLADELALVDVMDKCLKGEMMDLQHGSL
FLKTPKIVSSKDYCVTANSKLVITAGARQQEGESRLNLVQRNVNIFKFIIPNIVKYSHPCKLLIVSNPV
DILTYVAWKISGFKNRVIGSGCNLDSARFRYLMGERLGVHALSCHGWVLGEHGDSSVPVWSGVNVAGVS
LKSLNPELGTADKEQWKEVHKQVVD SAYEVIKLGKGYT SWAIGLSVADLAESIMKNLRRVHPISTMIKGL
YGINEDVFLSVPCILGQNGISDVKVTLTPEEEARLKK SADTLWGIQKELQF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 36.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_034829](#)

Locus ID: 16828

UniProt ID: [Q564E2](#), [P06151](#)



[View online »](#)

RefSeq Size: 1681

Cytogenetics: 7 30.6 cM

RefSeq ORF: 996

Synonyms: I7; I7R2; LDH; Ldh-; Ldh1; Ldhm

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]