

Product datasheet for TP504957

Ldhb (NM_008492) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse lactate dehydrogenase B (Ldhb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204957 representing NM_008492 Red=Cloning site Green=Tags(s)

MATLKEKLIASVADDEAAVPNNKITVGVGQVGMACAISILGKSLADELALVDVLEDKLGEMMDLQHGSLFLQTPKIVADKDYSVTANSKIVVVTAGVRQQEGESRLNLVQRNVNVFKFIIPQIVKYSPDCTIIVVSNPVDILTYVTWKLGLPKHRVIGSGCNLDSARFRYLMAEKLGHPSSCHGWILGEHGDSSVAVWVSGVNVAGVSLQELNPEMGTDNDSENWKEVHKMVVDSAYEVIKLGYTNWAIGLSVADLIESMLKNSRIHPVSTMVKGMYGIENEVFLSLPCILNARGLTSVINQKLKDDDEVAQLRKSADTLWDIQDKDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	37 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_032518
Locus ID:	16832
UniProt ID:	P16125



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RefSeq Size: 1324

Cytogenetics: 6 74.17 cM

RefSeq ORF: 1002

Synonyms: AI790582; H-Ld; H-Ldh; Ldh-; Ldh-2; LDH-B; LDH-H; Ldh2

Summary: This gene encodes the B subunit of lactate dehydrogenase enzyme, which catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺ in a post-glycolysis process. Alternatively spliced transcript variants have also been found for this gene. Recent studies have shown that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is localized in the peroxisomes. Pseudogenes have been identified on chromosomes 1 and 19. [provided by RefSeq, Feb 2016]