

## Recombinant Mouse LDHA Protein

Catalog #	Source	Reactivity	Applications
CRP1886	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse LDHA Protein is produced by our mammalian expression system and the target gene encoding Met1-Phe332 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	LDHA		
<b>Alternative Names</b>	L-lactate dehydrogenase A chain; LDH-A; Cell proliferation-inducing gene 19 protein; LDH muscle subunit; LDH-M; Renal carcinoma antigen NY-REN-59		
<b>Entrez Gene</b>	16828 (Mouse)		
<b>SwissProt</b>	P06151 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	MATLKDQLIV NLLKEEQAPQ NKITVVGVA VGMACAISIL MKDLADELAL VDVMEKDKLG EMMDLQHGS LFKTPKIVSS KDYCVTANSK LVIITAGARQ QEGESRLNLV QRNVNIFKFI IPNIVKYS PH CKLLIVSNPV DILTYVAWKI SGFPKNRVIG SGCNLD SARF RYLMGERLGV HALSCHGWVL GEHGDSSVPV WSGVNVAGVS LKSLNPELGT DADKEQWKEV HKQVDSAYE VIKLKGYSW AIGLSVADLA ESIMKNLRRV HPISTMIKGL YGINEDVFLS VPCILGQNGI SDVVKVTLTP EEEARLKSA DTLWGIQKEL QFVDHHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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