

# E.Coli LDHA Recombinant Protein



RPPB1896

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## Product Information    Protein Information

**Product SKU:**

RPPB1896

**Accession:**

P52643

**Host:**

Escherichia Coli.

**Protein description:**

LDHA E.Coli Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 353 amino acids (1-329) and having a molecular mass of 39.1 kDa. LDHA E.Coli is fused to a 24 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

LDH-A, GSD11, LDH1, LDHM, PIG19, EC 1.1.1.27, lactate dehydrogenase M, LDH-M, LDH-1, L-lactate dehydrogenase A chain, LDH muscle subunit, Renal carcinoma antigen NY-REN-59, Cell proliferation-inducing gene 19 protein, LDHA.

**Formulation:**

LDHA E.Coli protein (1mg/ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), containing 100mM NaCl and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MGSMMKLAVY STKQYDKKYL QQVNESFGFE LEFFDFLLTE KTAKTANGCE  
AVCIFVNDG SRPVLEELKK HGVKYIALRC AGFNNVDLDA AKELGLKVVR VPAYDPEAVA EHAIGMMMTL  
NRRIRHAYQR TRDANFSLEG LTGFTMYGKT AGVIGTGKIG VAMLRILKGF GMRLLAFFDPY PSAAAELGV  
EYVDLPTLFS ESDVISLHCP LTPENYHLLN EAAFEQMKNG VMIVNTSRGA LIDSQAAIEA LKNQKIGSLG  
MDVYENERDL FFEDKSNDVI QDDVFRRLSA CHNVLFTHGQ AFLTAEALTS ISQTTLQNLN NLEKGETCPN ELV

**Biological Activity:**

Specific activity is > 200unit/mg. 1 unit converts 1.0 umole of pyruvate to L-lactate and beta-NAD per minute at pH 7.5 at 37°C