

Mouse LDHA Recombinant Protein



RPPB1894

Product Information Protein Information

Product SKU:

RPPB1894

Accession:

P06151

Host:

Sf9, Baculovirus cells.

Protein description:

LDHA Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 340 amino acids (1-332a.a.) and having a molecular mass of 37.5kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). LDHA is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

L-lactate dehydrogenase A chain, LDH-A, LDH muscle subunit, LDH-M.

Formulation:

LDHA protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) 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:

MATLKDQLIV NLLKEEQAPQ NKITVVGVA VGMACAISIL MKDLADELAL VDVMEDKLGK EMMDLQHGSL
FLKTPKIVSS KDYCVTANSK LVIITAGARQ QEGESRLNLV QRNVNIFKFI IPNIVKYSPH CKLLIVSNPV
DILTYVAWKI SGFPKNRVIG SGCNLD SARF RYLMGERLGV HALSCHGWVL GEHGDSSVPV WSGVNVAGVS
LKSLNPELGT DADKEQWKEV HKQVVD SAYE VIKLKG YTSW AIGLSVADLA ESIMKNLRRV HPISTMIKGL
YGINEDVFLS VPCILGQNGI SDVVKVTLTP EEEARLK KSA DTLWGIQKEL QFLEHHHHHH.

Biological Activity:

Specific activity is > 250 units/mg, and is defined as the Amount of enzyme that convert 1.0 umole of pyruvate to L-lactate and per minute at pH 7.5 at 37C.