

Human LDHA Recombinant Protein



RPPB1893

Product Information Protein Information

Product SKU:

RPPB1893

Accession:

P00338

Host:

Escherichia Coli.

Protein description:

LDHA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 352 amino acids (1-332 a.a.) and having a molecular mass of 38.8 kDa. The LDHA is fused to a 20 amino acid his tag at N-terminus and purified by conventional chromatography.

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:

The LDHA protein solution (0.5mg/ml) contains 20mM Tris-HCl pH-8.0, 100mM NaCl and 20% 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 SGLVPRGSH MATLKDQLIY NLLKEEQTPQ NKITVVGVA VGMACAISIL MKDLADELAL
VDVIEDKLLKG EMMDLQHGSL FLRTPKIVSG KDYNVTANSK LVIITAGARQ QEGESRLNLV QRNVNIFKFI
IPNVVKYSPN CKLLIVSNPV DILTYVAWKI SGFPKNRVIG SGCNLD SARF RYLMGERLGV HPLSCHGWVL
GEHGDSSVPV WSGMNVAGVS LKTLHPDLGT DKDKQWKEV HKQVVESEY VIKLKGYSW AIGLSVADLA
ESIMKNLRRV HPVSTMIKGL YGIKDDVFLS VPCILGQNGI SDLVKVTLTS EEARLKSA DTLWGIQKEL QF.

Biological Activity:

Specific activity is > 20 units/mg. in which one unit will convert 1.0 umole of pyruvate to L-lactate and beta-NAD per minute at pH 7.5 at 37°C.