

Mouse LDHB Recombinant Protein



RPPB1901

Product Information Protein Information

Product SKU:

RPPB1901

Accession:

P16125

Host:

Escherichia Coli.

Protein description:

LDHB Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 357 amino acids (1-334 a.a) and having a molecular mass of 39kDa.LDHB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

L-lactate dehydrogenase B chain, LDH-B, LDH heart subunit, LDH-H, Ldh-2, Ldh2, Ldhb.

Formulation:

LDHB protein solution (1mg/ml) containing 20mM Tris-HCl (pH8.0), 1mM DTT 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 SGLVPRGSH MGSMTLKEK LIASVADDEA AVPNNKITV GVGQVGMACA ISILGKSLAD
ELALVDVLED KLGEMMDLQ HGSLFLQTPK IVADKDYSVT ANSKIVVTA GVRQQEGESR LNLVQRNVNV
FKFIIPQIVK YSPDCTIIV SNPVDILTYV TWKLSGLPKH RVIGSGCNLD SARFRYLMAE KLGHPSSCH
GWILGEHGDS SVAVWSGVNV AGVSLQELNP EMGTDNDSSEN WKEVHKMVVD SAYEVIKLKG YTNWAIGLSV
ADLIESMLKN LSRIHPVSTM VKGMYGIENE VFLSLPCILN ARGLTSVINQ KDKDDEVAQL RKSADTLWDI
QDKLDL.

Biological Activity:

Specific activity is > 150 units/mg, in which one unit will 1.0 umole of pyruvate to L-lactate and beta-NAD per minute at pH 7.5.