

Recombinant Mouse L-Lactate Dehydrogenase/LDHA/LDH1 Protein(C-6His)

Cat.NO.: TP05886

3th Edition

Synonyms:LDHA;Ldh1;L-lactate dehydrogenase

Description:Mouse Lactate dehydrogenase A (LDHA) is a member of the LDH/MDH superfamily and LDH family. LDHA catalyzes the inter-conversion of pyruvate and L-lactate with concomitant inter-conversion of NADH and NAD⁺. LDHA is found in most somatic tissues, though predominantly in muscle tissue and tumours. It has also been shown that LDHA plays an important role in the development, invasion and metastasis of malignancies. Mutations in LDHA have been linked to exertional myoglobinuria.

Form:PBS

Molecular Weight:37.5 kDa

Sequences:Met1-Phe332

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.