



Recombinant Protein Technical Manual
Recombinant Mouse LDHA/LDH1 Protein (His Tag)
RPES2149

Product Data:

Product SKU: RPES2149

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: P06151

Protein Information:

Molecular Mass: 37.5 kDa

AP Molecular Mass: 37 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: LDHA;Ldh1;L-lactate dehydrogenase

Immunogen Information:

Sequence: Met1-Phe332

Background:

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.