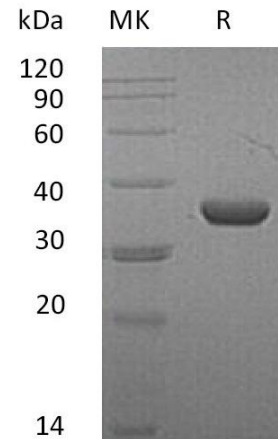


## Recombinant Mouse LDHA

Catalog#:P01800 Derived from Human Cells

<b>DESCRIPTION</b>	<p>Recombinant Mouse L-lactate Dehydrogenase is produced by our Mammalian expression system and the target gene encoding Met1-Phe332 is expressed with a 6His tag at the C-terminus.</p> <p><b>Accession#:</b> P06151</p> <p><b>Known as:</b> LDHA;Ldh1;L-lactate dehydrogenase</p>
<b>FORMULATION</b>	Supplied as a 0.2µm filtered solution of 20mM Tris-HCl, 50%Glycerol, 500mM NaCl, 5% Trehalose, 5% Mannitol, 0.01% Tween80, 1mM EDTA, pH9.0.
<b>SHIPPING</b>	<p>The product is shipped on dry ice/polar packs.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
<b>STORAGE</b>	<p>Store at ≤-70°C, stable for 6 months after receipt.</p> <p>Store at ≤-70°C, stable for 3 months under sterile conditions after opening.</p> <p>Please minimize freeze-thaw cycles.</p>
<b>QUALITY CONTROL</b>	<p><b>Mol Mass:</b>37.5kDa <b>AP Mol Mass:</b>37kDa, reducing conditions.</p> <p><b>Purity:</b> Greater than 95% as determined by reducing SDS-PAGE.</p> <p><b>Endotoxin:</b> Less than 0.1ng/µg (1 EU/µg) as determined by LAL test.</p>
<b>BACKGROUND</b>	<p>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<sup>+</sup>. 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.</p>
<p>SDS-PAGE</p>  <p>kDa    MK    R</p> <p>120</p> <p>90</p> <p>60</p> <p>40</p> <p>30</p> <p>20</p> <p>14</p>	