

Product datasheet

Mouse heart tissue lysate - mitochondrial extract ab110350

Overview

Product name	Mouse heart tissue lysate - mitochondrial extract
General notes	<p>Product was previously marketed under the MitoSciences sub-brand.</p> <p>2 mg of mouse heart mitochondria in 400ul of iso-osmotic buffer. This sample can act as a positive control in immunocapture applications and Blue Native PAGE.</p> <p>1 mg solubilized mitochondria for Immunocapture experiments. For the Immunocapture of OXPHOS complexes it is recommended that 180 µl of the mitochondrial membranes supplied be solubilized by the addition of 20 µl of 10% lauryl maltoside. Insoluble material is removed by centrifugation at 72,000g before immunocapture of complexes from the supernatant.</p>
Tested applications	Suitable for: IP, SDS-PAGE, WB

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.5 Constituents: 0.02% PMSF, 0.16% Tris, 0.89% EDTA, 8.56% Sucrose
Lysate notes	<p>2 mg of mouse heart mitochondria in 400ul of iso-osmotic buffer. This sample can act as a positive control in immunocapture applications and Blue Native PAGE.</p> <p>1 mg solubilized mitochondria for Immunocapture experiments. For the Immunocapture of OXPHOS complexes it is recommended that 180 µl of the mitochondrial membranes supplied be solubilized by the addition of 20 µl of 10% lauryl maltoside. Insoluble material is removed by centrifugation at 72,000g before immunocapture of complexes from the supernatant.</p>

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab110350 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
SDS-PAGE		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

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