Serpine 1
Mouse PAI-1 genetically deficient lung

Catalog No.	CS227A CS227B	**Quantity:**	1 Lobe 1 Whole Lung

Alternate Names: PAI1, PAI-1, Planh1

Description: This organ is an ideal negative control for western blotting, immunoprecipitation, immunohistochemistry and other experiments involving PAI-1. Collected and flash frozen from homozygous PAI-1 knockout mice of strain B6.129S2-Serpine1 tm1Mlg /J. Each mouse lung consists of 5 lobes. The targeted PAI-1 knockout mutation was made on the C57BL/6J background strain. Mice homozygous for this mutation develop normally and are viable and fertile. Compared to wild type mice, pulmonary clot lysis is increased in the heterozygote and further increased in the homozygote. Endotoxin induced venous thrombosis is decreased compared to wild type mice. Thus, disruption of the Serpine1 gene induces a mild hyperfibrinolytic state. Hemostasis is normal in homozygous mutants.

Gene ID: 18787

Source: PAI-1 knockout mouse

Formulation: Frozen Tissue

Purity: Organ

Storage & Stability: When stored at -80°C, product is stable for 3 years from date of delivery. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com